ORDER NO. VSD9912M619
D25

Service Manual

DVCPRO 50

Digital Video Cassette Player

AJ-D94E

- **Sec. 1** *Operating Instructions*
- **Sec. 2** *Service Informations*
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- **Sec. 4** *Electrical Adjustments*
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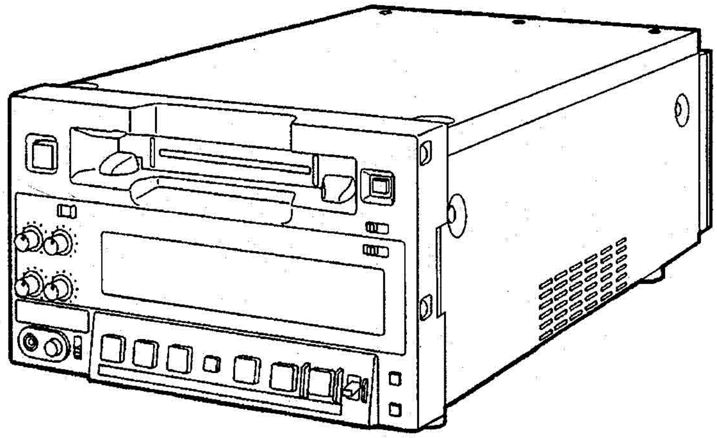
VSD9912M914 *NEW*

Service Manual for DVCPRO
Mechanism Section



Panasonic

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WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

INTRODUCTION

This Service Manual contains Operating Instructions, Service Informations, Maintenance & Disassembly Procedures, Electrical Adjustments, Block Diagrams, Schematic Diagrams, Circuit Board Diagrams and Exploded Views & Parts List sections.

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Specifications

[GENERAL]

Supply voltage: AC 220 V–240 V ±10 %, 50/60 Hz
Power consumption: 65 W

Ambient operating temperature
5 °C to 40 °C
Ambient operating humidity
10 % to 85 % (no condensation)
Weight
7.8 kg
Dimensions (W×H×D)
214×132×428 mm
Playback format
DVCPRO50 format/DVCPRO format switchable
Playback video signals
625i
Playback audio signals

- DVCPRO50: 48 kHz, 16 bits, 4 channels
- DVCPRO: 48 kHz, 16 bits, 2 channels

Playback tracks

- Digital video/audio: helical track
- Time code: helical track (sub-code area)
- Cue signal: 1 track
- Control (CTL) signal: 1 track

Tape speed

- DVCPRO50: 67.708 mm/s
- DVCPRO: 33.854 mm/s

Playback time

- 92 minutes (using AJ-5P92LP, DVCPRO50)
- 33 minutes (using AJ-P66MP, DVCPRO50)
- 184 minutes (using AJ-5P92LP *, DVCPRO)
- 66 minutes (using AJ-P66MP, DVCPRO)

*For AJ-5P92LP cassette tapes recorded using the DVCPRO (25 Mbps) mode, use a VTR supporting DVCPRO (25 Mbps) 184 minute tapes.

Tape used
1/4″ thin magnetic layer metal tape
FF/REW time
Less than 5 minutes (using AJ-5P92LP)

[VIDEO]

■ Digital video

Sampling frequency
(DVCPRO50)
Y: 13.5 MHz, P_B/P_R: 6.75 MHz
(DVCPRO)
Y: 13.5 MHz, P_B/P_R: 3.375 MHz
Quantizing
8 bits
Video compression system
DCT + variable length code
Error correction
Reed-Solomon product code

■ Analogue composite OUT

Video band
Y: 25 Hz to 5.5 MHz (±1.0 dB)
Differential gain
Less than 2 %
Differential phase
Less than 2 degrees
Y/C delay
Less than 20 ns
K factor
Less than 2 %

■ Adjustments (video output signals)

Video gain
More than ±3 dB
Chroma gain
More than ±3 dB
Chroma phase
More than ±25 degrees
Black level
More than ±70 mV
Horizontal (H) phase
More than ±1.5 μs

Specifications

[AUDIO]

■ Digital audio

Sampling frequency
48 kHz

Quantizing
16 bits

Frequency response
20 Hz to 20 kHz ±1 dB

Dynamic range
More than 85 dB
(1 kHz, emphasis OFF, "A" weighted)

Distortion
Less than 0.1 %
(1 kHz, emphasis OFF, reference level)

Crosstalk
Less than –80 dB
(1 kHz, between 2 channels)

Wow & flutter
Below measurable limits

Headroom
18 dB

[OUTPUT CONNECTORS]

■ Video output connectors

Analogue composite signal output
BNC×1, 75 Ω

Monitor output
Analogue composite, BNC×1, 75 Ω, superimpose ON/OFF

■ Audio output connectors

Analogue output
XLR×2 (CH1, CH2), low impedance, +4/0/–3/–20 dBu

Monitor output
PHONO×2 (L, R), low impedance, 0 dBu, CH1/MIX/CH2 switchable

Headphones output
M3×1, stereo, variable level (maximum –20 dBu), 8 Ω, CH1/MIX/STEREO/CH2 switchable

■ Other input/output connectors

Remote
D-sub, 9 pins (female) ×1, for AJ-A95
RS-422A interface standard complied with (no editing function)

[DISPLAY TUBE]

Counter
8 digits
(CTL/TC/UB/amount of remaining tape switchable)

Audio level meter
17 steps + excessive level display

Other
Servo lock, tape travel status, REMOTE, WIDE, channel condition

[OPTIONS]

- **9-pin remote controller**
  AJ-A95
- **9-pin remote cables**
  AU-C5 (5 meters), AU-C10 (10 meters)

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all part which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5MΩ.

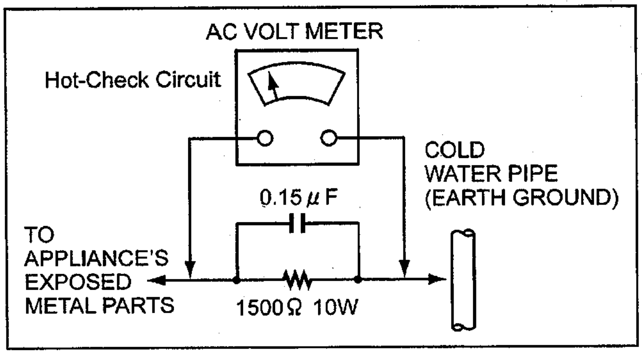


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.
   Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10W resistor, in parallel with a 0.15μF capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

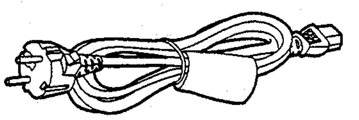
Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
   Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
   (most replacement ES devices are package with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

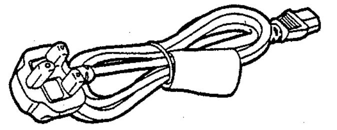
Caution for AC Mains Lead

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.
This product is equipped with 2 types of AC mains cable. One is for continental Europe, etc. and the other one is only for U.K.
Appropriate mains cable must be used in each local area, since the other type of mains cable is not suitable.

FOR CONTINENTAL EUROPE, ETC.
Not to be used in the U.K.



FOR U.K. ONLY
If the plug supplied is not suitable for your socket outlet, it should be cut off and appropriate one fitted.



FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 13 amp fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark ◈ or the BSI mark ▽ on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.
WARNING: THIS APPLIANCE MUST BE EARTHED.
IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

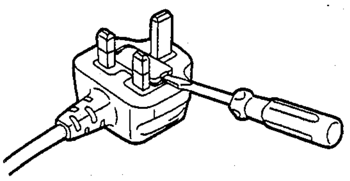
Green-and-Yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

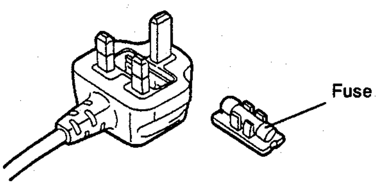
- The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol ⏚ or coloured GREEN or GREEN-AND-YELLOW.
- The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

How to replace the fuse

1. Open the fuse compartment with a screwdriver.



2. Replace the fuse.



▭ indicates safety information.

IMPORTANT

"Unauthorized recording of copyrighted television programmes, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."

Operating precaution

Operation near any appliance which generates strong magnetic fields may give rise to noise in the video and audio signals. If this should be the case, deal with the situation by, for instance, moving the source of the magnetic fields away from the unit before operation.

- **THIS APPARATUS MUST BE EARTHED**
  To ensure safe operation the three-pin plug must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring.
  Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities.
  The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician.
- **DO NOT REMOVE PANEL COVER BY UNSCREWING.**
  To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside.
  Refer servicing to qualified service personnel.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL.

CAUTION:

Do not install or place this unit in a bookcase, built-in cabinet or any other confined space in order to maintain adequate ventilation. Ensure that curtains and any other materials do not obstruct the ventilation to prevent risk of electric shock or fire hazard due to overheating.

▭ indicates safety information.

SECTION 1

OPERATING INSTRUCTIONS

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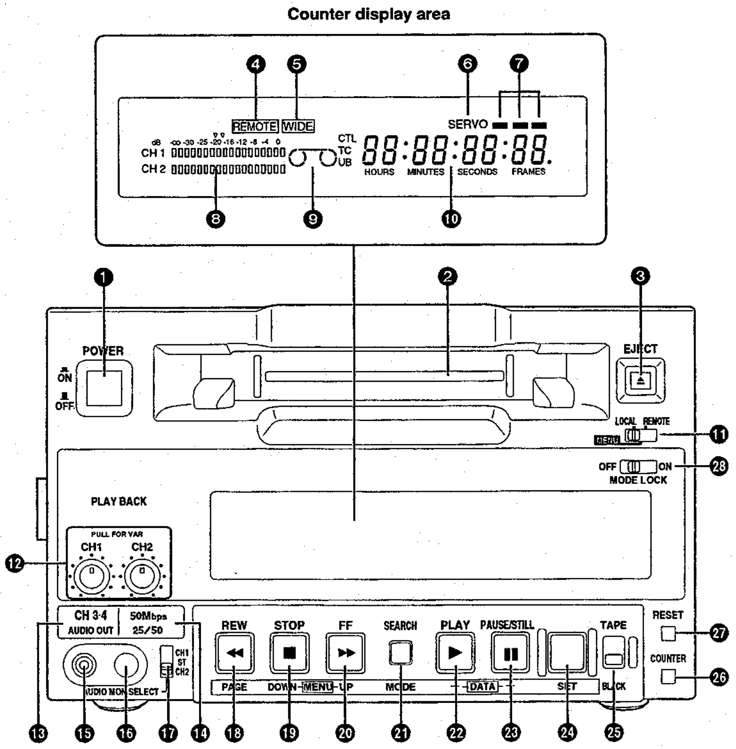
Front panel


Counter display area
④
⑤
⑥
⑦
REMOTE
WIDE
SERVO
dB -∞ -30 -25 -20 -16 -12 -8 -4 0
CH 1
CH 2
CTL
TC
UB
88:88:88:88.
HOURS
MINUTES
SECONDS
FRAMES
⑧
⑨
⑩
①
②
③
POWER
ON
OFF
EJECT
LOCAL
REMOTE
MENU
⑪
OFF
ON
MODE LOCK
㉘
PLAY BACK
PULL FOR VAR
CH1
CH2
⑫
CH 3·4
AUDIO OUT
50Mbps
25/50
CH1
ST
CH2
AUDIO MON SELECT
REW
STOP
FF
SEARCH
PLAY
PAUSE/STILL
TAPE
PAGE
DOWN
MENU
UP
MODE
DATA
SET
BLACK
RESET
COUNTER
㉗
㉖
⑬
⑮
⑯
⑰
⑭
⑱
⑲
⑳
㉑
㉒
㉓
㉔
㉕

Front panel

① POWER switch
When this switch is pressed, the power is turned on and the counter display area lights; when it is pressed again, the power is turned off.

② Cassette insertion slot
Newsgathering cassettes and general-purpose cassettes are inserted into this slot.

<Note>
Do not insert DV cassettes, which are designed for general consumer applications.

③ EJECT button
When this button is pressed, the tape inside is unloaded and several seconds later it is automatically ejected.
If the counter display area is set to the CTL display, the display will be reset.

④ REMOTE lamp
This lamp lights when the REMOTE setting has been selected by the LOCAL/MENU/REMOTE switch ⑪.

⑤ WIDE lamp
This lamp lights when the WIDE mode has been selected.

⑥ SERVO lamp
This lamp lights when the drum servo and capstan servo lock.

⑦ Channel condition lamps
One of these lamps lights in accordance with the error rate statuses. (Green → Blue → Red)

Green:	This lamp lights when both the error rates for the video and audio playback signals are at an acceptable level.
Blue:	This lamp lights when the error rate for either the video and audio playback signals has deteriorated. A normal playback picture will appear even when this lamp is lit.
Red:	This lamp lights when either the video or audio playback signals are subject to correction or interpolation.

⑧ Level meter
This displays the levels of the audio signals.
The level of the output audio signals is displayed during playback.

⑨ Cassette insertion and tape travel display lamp
This lamp lights when a cassette has been inserted into the unit.

○‾○ :	When a tape has been inserted and the STANDBY ON status has been established
○ ○ :	When a tape has been inserted and the STANDBY OFF (HALF LOADING) status has been established
(○⃗○) :	While the tape is travelling, the segment display moves as the tape travels.
☼☼ :	The "○" symbol at the stopped side flashes when the fan has shut down.

⑩ Counter display area
The TC and CTL counts, the on-screen information and other messages are displayed in this area.

⑪ LOCAL/MENU/REMOTE switch
This switch is set when menu settings are to be performed or when the unit is to be controlled from an external source.

LOCAL:	Set here when the unit is to be controlled using the controls on its operation panel.
MENU:	Set here when on-screen menu settings are to be performed.
REMOTE:	Set here when the unit is to be controlled using an external remote controller (model AJ-A95).

⑫ Audio signal CH1 and CH2 playback level controls
These controls are used to adjust the playback levels of the CH1 and CH2 audio signals.
They use a "pull to vary level" system which means that the levels can be adjusted after they have been pulled up. The default signal levels apply when they are pushed down.
<Note>
The cue audio signal level cannot be adjusted.

⑬ CH3 and CH4 lamp
This lamp lights when TR3/4 is selected as the setup menu item No.711 setting in the 50 Mbps mode. (During playback, the lamp is lit by the No.711 setting.)
(See page 28.)

⑭ 50 Mbps lamp
This lamp lights when the 50 Mbps mode has been established.

⑮ Headphones jack
When a pair of stereo headphones are connected to this jack, the sound of the playback can be monitored through the headphones.

⑯ Volume control
This control is used to adjust the headphone volume.

⑰ Audio monitor selector switch
This switch is used to select the audio monitor output and headphone output channels.

CH1: The CH1 sound is output through both the left and right channels.
ST: The sound selected by the settings of setup menu items No.708 and No.709 is output.
CH2: The CH2 sound is output through both the left and right channels.

⑱ REW button
This button is pressed to rewind the tape. The playback pictures can be monitored when the TAPE/BLACK switch ㉕ is set to TAPE.
Pressing the REW button while in the search mode (search still, forward search, forward search still, reverse search still) causes operation to switch to reverse search, and reverse playback occurs at the speed selected using setting No. 100 on the setup menu. (See pages 13 and 25.)
Pressing the REW button while in the slow mode (slow still, forward slow, forward slow still) causes operation to switch to reverse linear 0.3× playback. (See page 14.)
Noise will appear during linear 0.3× playback: this is normal and not indicative of malfunctioning.

⑲ STOP button
This button is pressed to stop the tape travel. The playback pictures can be monitored when the TAPE/BLACK switch ㉕ is set to TAPE.
The tape drum continues to rotate even in the stop mode, and the tape remains in close contact with the drum.
When the stop mode continues beyond the prescribed period of time, the unit is automatically set to the STANDBY OFF (HALF LOADING) mode in order to protect the tape.
The stop mode is established immediately after a cassette has been inserted into the unit.

⑳ FF button
This button is pressed to fast forward the tape. The playback pictures can be monitored when the TAPE/BLACK switch ㉕ is set to TAPE.
Pressing the FF button while in the search mode (search still, reverse search, reverse search still, forward search still) causes operation to switch to forward search, and fast forward playback occurs at the speed selected using setting No. 100 on the setup menu. (See pages 13 and 25.)
Pressing the FF button while in the slow mode (slow still, reverse slow, reverse slow still) causes operation to switch to forward linear 0.3× playback. (See page 14.)
Noise will appear during linear 0.3× playback: this is normal and not indicative of malfunctioning.

㉑ SEARCH button
This button is pressed to switch to the search mode or the slow mode. (See pages 13 and 14.)

㉒ PLAY button
This button is pressed to commence playback.

㉓ PAUSE/STILL button
When this button is pressed during playback, the still picture mode is established. Playback is resumed when it is pressed again.
Pressing the PAUSE/STILL button during forward or reverse search operation causes the tape to pause (forward or reverse search still). Pressing the button a second time causes forward or reverse search operation to resume.
Pressing the PAUSE/STILL button during forward or reverse slow operation causes the tape to pause (forward or reverse slow still). Pressing the button a second time causes forward or reverse slow operation to resume.
Linear 0.3× playback takes place during forward or reverse slow operation. Noise will appear during still and linear 0.3× playback: this is normal and not indicative of malfunctioning. (See page 14.)

㉔ SET button
This button is used to select setting value or mode when in the menu setting mode.

㉕ TAPE/BLACK switch
This switch is used to select the signals to be output in the stop, fast forward or rewind mode.

TAPE: The signals which are played back from the tape are output.
BLACK: The black burst signals are output.

<Note>
The picture and sound may break up when the position of the switch is changed.

㉖ COUNTER button
This button is used to switch the counter display area. Each time it is pressed, the setting is changed in the following sequence: CTL → TC → UB → r → CTL, etc.

CTL: The tape timer (control signal) appears on the display.
TC: The time code appears on the display.
UB: The user bit appears on the display.
r: The amount of tape remaining is displayed in 1-minute increments.
(Example)
"r102" = 102 minutes of tape are remaining.

㉗ RESET button
When this button is pressed in the CTL mode, the counter display is reset to 00:00:00:00.

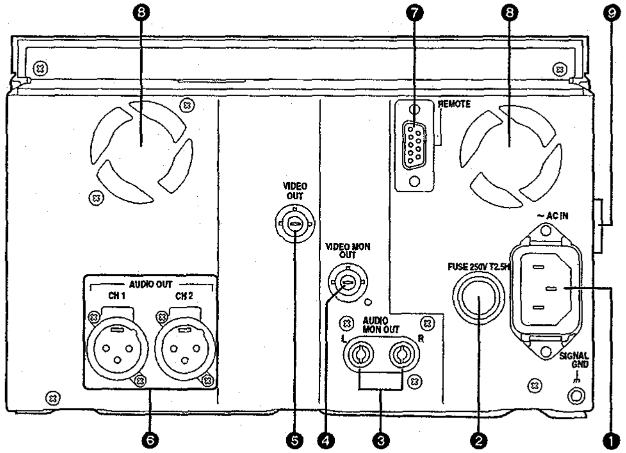
㉘ MODE LOCK switch
When this switch is set to ON, the following function buttons will be locked and can no longer be operated.

EJECT, REW, STOP, FF, SEARCH, PLAY, PAUSE/STILL, RESET, COUNTER

However, operation is possible when in menu setting mode.

Parts and Their Functions

Connector areas


❽
❼
❽
❾
REMOTE
VIDEO OUT
~AC IN
VIDEO MON OUT
FUSE 250V T2.5H
AUDIO OUT
CH1
CH2
AUDIO MON OUT
L
R
SIGNAL GND
❻
❺
❹
❸
❷
❶

❶ AC IN socket
This is the AC power inlet.
The accessory power cord is connected here.
Use an AC 220 V – 240 V (±10%) power supply to operate this unit.
When the voltage has dropped to an extremely low level, the unit's power is automatically switched off. It will take several minutes for the unit to be reset even after the supply voltage is restored. In a case like this, set the POWER switch to OFF, wait several minutes, and start up the unit again.

❷ Fuse holder
This contains a 2.5A fuse.

❸ AUDIO MONITOR OUT (Lch/Rch) connectors
These are the output connectors for the audio monitor signals. It is possible to select the channel through which the audio monitor signals are to be output using the audio monitor selector switch on the front panel and setup menu item No.708.
(See page 28.)

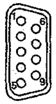
❹ VIDEO MONITOR OUT connector
This is the output connector for the video monitor signals. Superimposed video signals can be output to this connector.
Superimposing can be set to ON or OFF by setup menu item No.002. (See page 24.)

❺ VIDEO OUT connector
The analogue composite video signals are output from this connector.

❻ AUDIO OUT (CH1/CH2) connectors
These are the output connectors for the analogue audio signals.

❼ REMOTE CONTROL connector
This unit can be operated from an external source by connecting an optional external remote controller (model AJ-A95) to this connector.

<Notes>
- Set the LOCAL/MENU/REMOTE switch to the REMOTE position.
- This complies with the RS-422A interface standard but the functions associated with editing do not work.

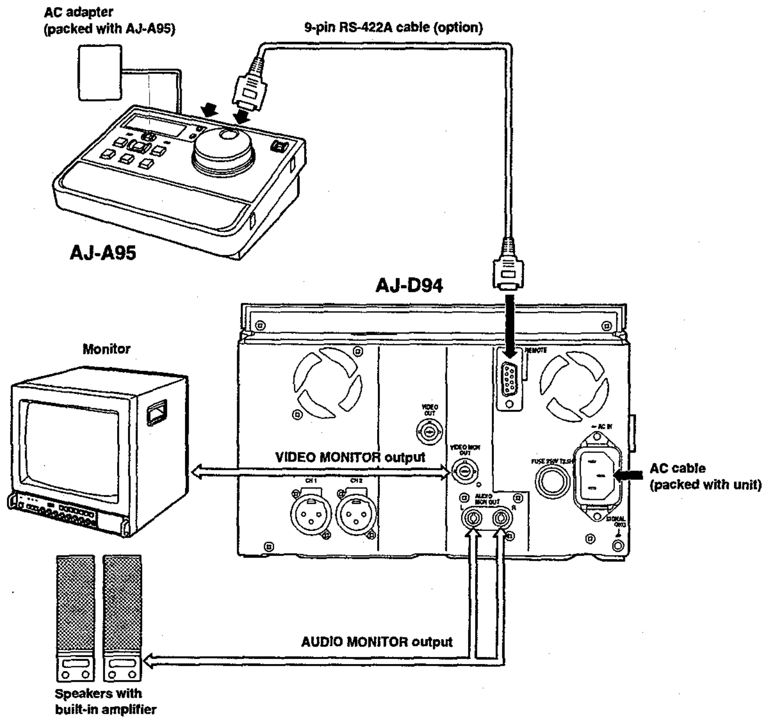


Pin No.	Signal
1	Frame Ground
2	Transmit A
3	Receive B
4	Receive Common
5	———
6	Transmit Common
7	Transmit B
8	Receive A
9	Frame Ground

❽ Fan motor
This motor drives the fan to cool down the unit.

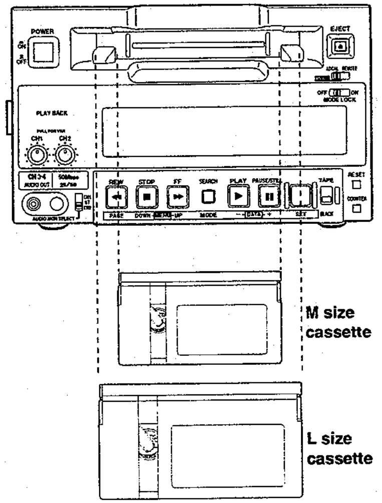
❾ Grip
Grips are provided on the side panels. However, when the unit is to be operated, lay it flat.

Example of Connections


AC adapter
(packed with AJ-A95)
9-pin RS-422A cable (option)
AJ-A95
AJ-D94
Monitor
REMOTE
VIDEO OUT
VIDEO MONITOR output
AC cable
(packed with unit)
AUDIO MONITOR output
Speakers with
built-in amplifier

<Notes>
DV tapes bearing either the "DV" or "MiniDV" logo for regular consumer applications cannot be used. Do not insert them into the unit.

Align the cassette with the centre of the insertion slot, and push it in gently.
Once inserted, the cassette tape is loaded automatically.


POWER
ON
OFF
EJECT
PLAY BACK
CH1
CH2
REW
STOP
FF
SEARCH
PLAY
PAUSE/STILL
TAPE
RESET
COUNTER
M size cassette
L size cassette

Types of tapes and their recording times

M size cassettes

- **50 Mbps mode**
  Tapes with a playback length of up to 33 minutes:
- **25 Mbps mode**
  Tapes with a playback length of up to 66 minutes:

AJ-P12MP, AJ-P24MP, AJ-P33MP, AJ-P46MP, AJ-P66MP

L size cassettes

- **50 Mbps mode**
  Tapes with a playback length of up to 92 minutes:
- **25 Mbps mode**
  Tapes with a playback length of up to 184 minutes:

AJ-P34LP, AJ-P66LP, AJ-P94LP, AJ-P126LP, AJ-5P92LP *
*For AJ-5P92LP cassette tapes recorded using the DVCPRO (25 Mbps) mode, use a VTR supporting DVCPRO (25 Mbps) 184 minute tapes.

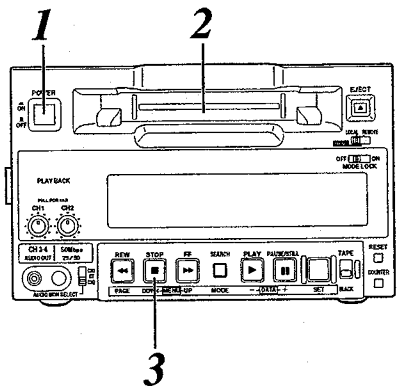
Turning on the power/inserting the cassette

Before proceeding to operate the unit, check that it has been connected properly.
This unit must be placed on a level surface before any attempt is made to operate it.

1 **Turn on the power.**

2 **Insert the cassette tape.**
Insert the cassette tape at the designated position without forcing it in any way.

3 **Check that the STOP lamp has lit.**
When the tape is inserted, the cylinder starts rotating automatically, the tape is loaded, and the stop mode is established.


1
2
3
POWER
EJECT
PLAY BACK
REW
STOP
FF
SEARCH
PLAY
PAUSE/STILL
TAPE

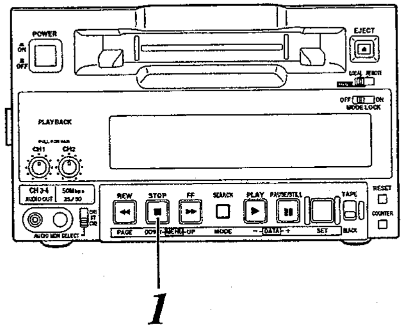
Stop mode

1 **The stop mode is established when the STOP button is pressed.**
The stop lamp lights, and the tape stops travelling.

- In order to protect the tape, the tape protection mode is established after the time set in setup menu item No.400 "STILL TIMER" has elapsed. (See page 26.)
  When the STOP, REW, FF or PLAY button is pressed, the corresponding mode is established.

<Precaution for setting STILL TIMER>

- At times when, for instance, the same part of the same tape is repeatedly used, the cumulative standby time in the same position will be increased. In order to protect the tape, make the standby time in the same position as short as possible.


POWER
EJECT
PLAY BACK
REW
STOP
FF
SEARCH
PLAY
PAUSE/STILL
TAPE
1

Playback

1 **Insert the cassette tape.**

2 **Press the PLAY button.**
Regular playback now commences.

3 **To end playback, press the STOP button.**
The unit is now set to the stop mode.

<Notes>
- Check that the SERVO lamp remains lit during playback. The playback pictures will be disturbed if the lamp is flashing or off.
- Select the 50 Mbps mode or 25 Mbps mode—whichever corresponds to the recording mode of the tape— for the setup menu item No.007 setting. The playback mode can be switched automatically by selecting AUTO as the setup menu item No.008 setting. (See page 24.)
However, in this case, it may take some moments for the mode to be identified.
- The pictures may be disturbed when playback starts.

Cue/review

Pressing the FF button or REW button while in the search mode (search still, forward search, reverse search, forward search still, reverse search still) causes fast forward or reverse playback to occur at the speed selected using setting No. 100 on the setup menu. (See page 25.)
Also, pressing the SEARCH button while in the fast forward or reverse rewind causes the speed to be reduced to the speed selected using setting No. 100 on the setup menu and fast forward or reverse playback to occur.
Pressing the PAUSE/STILL button during fast forward or reverse playback causes the tape to pause. Pressing the button a second time causes fast forward or reverse playback to resume.

VTR operating mode	Button pressed	Next VTR operation
Play or stop	**SEARCH**	Search still
	FF or REW	Fast forward or rewind
Fast forward	**PLAY or STOP**	Play or stop
	SEARCH	Forward search (fast forward playback)
Rewind	**PLAY or STOP**	Play or stop
	SEARCH	Reverse search (reverse playback)
Search still	**PLAY or STOP**	Play or stop
	FF	Forward search (fast forward playback)
	REW	Reverse search (reverse playback)
Forward search (fast forward playback)	**SEARCH**	Fast forward
	REW	Reverse search (reverse playback)
	PAUSE/STILL	Forward search still
Reverse search (reverse playback)	**SEARCH**	Rewind
	FF	Forward search (fast forward playback)
	PAUSE/STILL	Reverse search still
Forward search still	**PAUSE/STILL, SEARCH or FF**	Forward search (fast forward playback)
	REW	Reverse search (reverse playback)
Reverse search still	**PAUSE/STILL, SEARCH or REW**	Reverse search (reverse playback)
	FF	Forward search (fast forward playback)
All modes	**PLAY**	Play
	STOP	Stop

Still-picture playback

Press the PAUSE/STILL button during playback.
To restore regular playback, press the PAUSE/STILL button again.

<Notes>
- No sound can be heard during still-picture playback.
- Noise may appear on the still picture.

Linear 0.3× speed playback

Pressing the SEARCH button when in play pause status causes the mode to switch to slow still.
In this status, pressing the FF button or REW button causes operation to switch to linear 0.3× playback.
Pressing the PAUSE/STILL button during linear 0.3× playback causes the tape to pause.
Pressing the PAUSE/STILL button a second time causes linear 0.3× playback to resume.

<Note>
- Noise appears during linear 0.3× speed playback.

VTR operating mode	Button pressed	Next VTR operation
Play	**PAUSE/STILL**	Play pause
Play pause	**PAUSE/STILL or PLAY**	Play
	SEARCH	Slow still
Slow still	**PLAY**	Play
	FF	Forward slow
	REW	Reverse slow
Forward slow	**REW**	Reverse slow
	SEARCH or PAUSE/STILL	Forward slow still
Reverse slow	**FF**	Forward slow
	SEARCH or PAUSE/STILL	Reverse slow still
Forward slow still	**PAUSE/STILL, SEARCH or FF**	Forward slow
	REW	Reverse slow
Reverse slow still	**PAUSE/STILL, SEARCH or REW**	Reverse slow
	FF	Forward slow
All modes	**PLAY**	Play
	STOP	Stop
All modes	**STOP → FF**	Fast forward
	STOP → REW	Rewind

Variable speed playback

(When AJ-A95 is connected)

When the optional AJ-A95 remote controller is connected to the REMOTE connector, variable speed playback is enabled by operating the search dial on the AJ-A95.

<Notes>
- Noise appears on the screen during playback at any tape speed except the normal tape speed (1×).
- During variable speed playback, the sound recorded on the analogue cue track is played back.

Audio channels

The DVCPRO (25 Mbps) format has 2 audio channels whereas the DVCPRO 50 (50 Mbps) format has 4 audio channels.
However, this unit uses only two of the channels provided with the DVCPRO 50 (50 Mbps) format.

The setting for setup menu item No.711 is used to playback in the 50 Mbps or 25 Mbps mode.
(See page 28.)

<During playback> 50 Mbps mode

■ **Analogue signal output**
(Setup menu item No.711 setting: TR1/TR2)

Audio recording track on tape	Playback	Output channel
CH1	⟶	CH1
CH2	⟶	CH2
CH3	—✕→	No sound played back.
CH4	—✕→	No sound played back.

(Setup menu item No.711 setting: TR3/TR4)

Audio recording track on tape	Playback	Output channel
CH1	—✕→	No sound played back.
CH2	—✕→	No sound played back.
CH3	⟶	CH1
CH4	⟶	CH2

<During playback> 25 Mbps mode

■ **Analogue signal output**

Audio recording track on tape	Playback	Output channel
CH1	⟶	CH1
CH2	⟶	CH2

Time codes

Time codes are used to indicate the absolute position of the tape in hour, minute, second and frame increments: the time code signals generated by the time code generator (time code signal generator) are recorded on the tape and read by the time code reader (time code signal reader).

Time codes are written into the sub-code area (data area) on the helical track.
This enables the VTR's playback to be read out from the stop mode through slow-motion playback to high-speed playback.
The time code value appears on the display or is superimposed onto the screen.

TCR	**00 :**	**07 :**	**04 :**	**24**
	↑	↑	↑	↑
	Hours	**Minutes**	**Seconds**	**Frames**

User's bit

Among the time code signals, the user's bit refers to the 32-bit (8-digit) information frame that is released to the user.

The alphanumerics which can be used for the user's bit are numbers 0 through 9 and letters A, B, C, D, E and F.

Time code/user's bit playback

1 **Set the VTR to the stop mode.**

2 **Set to TC or UB using the COUNTER button.**

TC: The time code appears on the display.
UB: The user's bit appears on the display.

- If the time code cannot be read, it is interpolated using the CTL signal.

3 **Press the PLAY button.**

Playback is now commenced, and the time code appears on the display.
When "ON" has been selected as the setup menu item No.002 setting, the time code will be superimposed onto the video signals from the MONITOR OUT connector. (See page 24.)

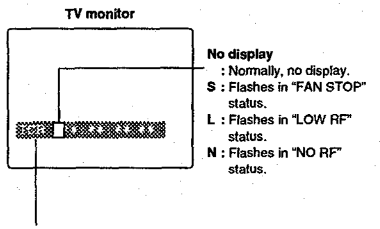
<Notes>
When the time code signal is missing, it is automatically interpolated by the CTL signal.
The following appears on the display.

T ∗ R 00 : 07 : 04 : 24

An asterisk (∗) appears when the time code signal is missing.
(For superimposing only)

Superimposed Screens

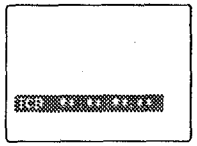
When the unit's MONITOR OUT connectors have been connected to a TV monitor, the control signals, time codes, etc. can be displayed as abbreviations on the TV monitor screen.
This display can be set to ON or OFF by setting setup menu item No.002. (See page 24.)


TV monitor
TCR **:**:**:**
No display
: Normally, no display.
S : Flashes in "FAN STOP" status.
L : Flashes in "LOW RF" status.
N : Flashes in "NO RF" status.

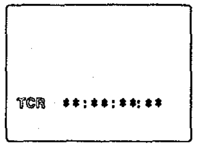
Abbreviations

CTL	(control signal)
TCR	(playback value of time code)
UBR	(playback value of user's bit)
REMAIN	(remaining tape)

Display characters
The background of the superimposed display characters can be changed by setting setup menu item No.006 "CHARA TYPE." (See page 24.)

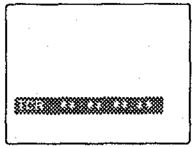


TV monitor

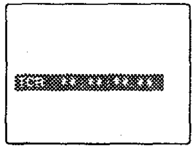


TV monitor

Display position
The position of the superimposed display characters can be changed by setting setup menu items No.004 "CHARA H-POS" and No.005 "CHARA V-POS."
(See page 24.)



TV monitor



TV monitor

<Notes>
When the PAGE button and DATA+ button or DATA– button are pressed, the counter display appears temporarily on the TV monitor while these buttons are held down to enable the setting to be checked.
Even while the PAGE button is pressed, the settings can be performed using the DATA+ button or DATA– button while the actual status is checked.

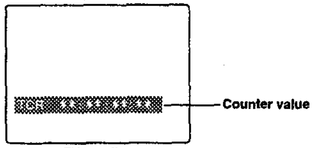
1-7

Superimposed Screens

Operation modes
The details to be displayed on the screen can be selected by setting setup menu item No.003 "DISPLAY SEL." (See page 24.)

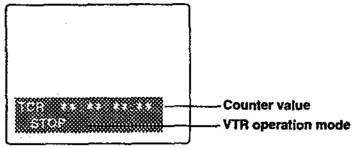
"TIME":	Counter value
"T&STA":	Counter value, VTR operation mode
"T&R":	Counter value, amount of remaining tape
"T&S&R":	Counter value, VTR operation mode, amount of remaining tape

TIME mode


TCR **:**:**:**
Counter value

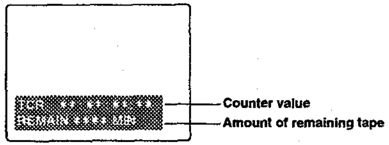
TV monitor

T&STA mode


TCR **:**:**:**
STOP
Counter value
VTR operation mode

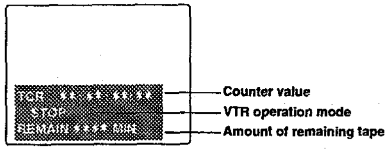
TV monitor

T&R mode


TCR **:**:**:**
REMAIN ****MIN
Counter value
Amount of remaining tape

TV monitor

T&S&R mode


TCR **:**:**:**
STOP
REMAIN ****MIN
Counter value
VTR operation mode
Amount of remaining tape

TV monitor

<Notes>

- When the beginning or end of the tape has been detected in the VTR operation mode, "BOT (beginning of tape)" or "EOT (end of tape)" is displayed at the beginning of the line.
  Examples of what is displayed:
  EOT STOP
  (stop mode at end of tape)
  BOT STANDBY OFF
  (standby mode at beginning of tape)
- In the T&S&R mode, one of the following error displays appears on the third line (line with the amount of remaining tape).
  [FAN STOP]:
  This appears when the cooling fan has stopped. When this happens, "E-10" and the counter value appear alternately on the front panel's counter display area.
  [NO RF]:
  This appears when a blank section has been detected on the tape.
  "E-09" appears on the front panel's counter display area.
  [SERVO NOT LOCKED]:
  This appears when the servo is not locked.
  "E-00" appears on the front panel's counter display area.
  [LOW RF]:
  This appears when there is no head output.
  "E-01" appears on the front panel's counter display area.
  [HIGH ERROR RATE]:
  This appears when the error rate has deteriorated (when the channel condition appears in red).
  "E-02" appears on the front panel's counter display area.

The unit's main settings can be performed and checked using the on-screen menus which are displayed on the video monitor connected to the unit.
It is also possible to perform and check the settings using the item numbers and setting numbers which appear on the front panel's display area.
A user setting memory is provided. The desired settings can be stored in this memory in advance for use during operation.

Setting method using on-screen menus

1 **Set the LOCAL/MENU/REMOTE switch to the MENU position.**
The unit is now set to the menu setting mode, and the menu screen appears on the video monitor.

```
SET–UP MENU        MAIN
                        NO.00
   ∗  00  SYSTEM
     000  BASIC
     100  OPERATION
     200  INTERFACE
     400  TAPE PROTECT
     500  TIME CODE
     600  VIDEO
     700  AUDIO
```

In the menu setting mode, the REW, STOP, FF, SEARCH, PLAY, PAUSE/STILL and REC function buttons serve as the PAGE, MENU DOWN, MENU UP, MODE, DATA–, DATA+ and SET buttons.

2 **Press the MENU-UP button or MENU-DOWN button to move the cursor (∗) to the menu whose settings are to be changed.**

3 **Press the MODE button to set each item in turn.**
To return to the menu screen, press the MODE button while holding down the PAGE button.

4 **Press the MENU-UP button or MENU-DOWN button to move the cursor (∗) to the menu item whose setting is to be changed.**
The page can be scrolled up or down by pressing the MENU-UP button or MENU-DOWN button while holding down the PAGE button.

5 **Press the DATA+ button or DATA– button to change the setting.**

6 **Press the SET button to enter the setting.**

To change more than one menu item, repeat steps *4*, *5* and *6* for each item.
<Note>
The setting can be canceled by pressing the MODE button.
When other items are to be changed without the setting having been entered, press the MODE button and then proceed with steps *4*, *5* and *6*.

7 **Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.**
This completes the menu settings.

How to return to the factory settings

1 **Set the LOCAL/MENU/REMOTE switch to the MENU position.**
The unit is now set to the menu setting mode, and the menu screen appears on the video monitor.

2 **Press the RESET button.**
The unit is set to the default setting mode, and the default setting screen appears on the video monitor.

```
SELECT          MODE
             ∗ 0  ESCAPE
               1  LOAD
               2  SAVE
               3  PROTECT
```

3 **Press the MENU-UP button or MENU-DOWN button to move the cursor to the LOAD position, and press the SET button.**
The unit is set to the LOAD mode, and the load screen appears on the video monitor.

```
SET–UP MENU      <LOAD>
             ∗ NO
               FACTORY (ALL)
               FACTORY (NOT SYSTEM)
               USER (ALL)
               USER (NOT SYSTEM)
```

4 **Press the MENU-UP button or MENU-DOWN button to move the cursor to FACTORY (ALL), and press the SET button.**
- If this operation is performed with the cursor moved to FACTORY (NOT SYSTEM) instead, all the factory settings except for the SYSTEM menu settings will be restored.
- If this operation is performed with the cursor moved to NO, the factory settings are not restored, and operation is returned to the menu screen.

5 **Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.**
This completes the menu settings.

How to set the user defaults

1 **Set the LOCAL/MENU/REMOTE switch to the MENU position.**
The unit is now set to the menu setting mode, and the menu screen appears on the video monitor.

2 **Perform steps *2* through *6* of "Setting method using on-screen menus," and change the items to the desired settings.**
(See page 19)

3 **Press the RESET button.**
The unit is set to the default setting mode, and the default setting screen appears on the video monitor.

```
SELECT          MODE
             ∗ 0  ESCAPE
               1  LOAD
               2  SAVE
               3  PROTECT
```

4 **Press the MENU-UP button or MENU-DOWN button to move the cursor to the SAVE position, and press the SET button.**
The unit is set to the SAVE mode, and the save screen appears on the video monitor.

```
SET–UP MENU      <SAVE>
             ∗ NO
               USER (ALL)
               USER (NOT SYSTEM)
```

5 **Press the MENU-UP button or MENU-DOWN button to move the cursor to USER (ALL), and press the SET button.**
- If this operation is performed with the cursor moved to USER (NOT SYSTEM) instead, all the settings except for the SYSTEM menu settings will be updated.
- If this operation is performed with the cursor moved to NO, the settings are not updated, and operation is returned to the menu screen.

6 **The screen for checking the SAVE operation appears. Press the MENU-UP button or MENU-DOWN button to move the cursor to the YES position, and press the SET button.**
The settings are now saved in the memory.

```
SAVE OK?
             ∗ NO
               YES
```

7 **Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.**
This completes the menu settings.

How to load the user defaults

1 Set the LOCAL/MENU/REMOTE switch to the MENU position.
The unit is now set to the menu setting mode, and the menu screen appears on the video monitor.

2 Press the RESET button.
The unit is set to the default setting mode, and the default setting screen appears on the video monitor.

```
SELECT      MODE
         * 0 ESCAPE
           1 LOAD
           2 SAVE
           3 PROTECT
```

3 Press the MENU-UP button or MENU-DOWN button to move the cursor to the LOAD position, and press the SET button.
The unit is set to the LOAD mode, and the load screen appears on the video monitor.

```
SET–UP MENU     <LOAD>
            * NO
              FACTORY (ALL)
              FACTORY (NOT SYSTEM)
              USER (ALL)
              USER (NOT SYSTEM)
```

4 Press the MENU-UP button or MENU-DOWN button to move the cursor to USER (ALL), and press the SET button.

- If this operation is performed with the cursor moved to USER (NOT SYSTEM) instead, operation will be performed on the basis of all the user settings saved in the memory except for the SYSTEM menu settings.
- If this operation is performed with the cursor moved to NO, no change is made to the user settings saved in the memory, and operation is returned to the menu screen.

5 Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.
This completes the menu settings.

How to protect the menus

Opening the setup menu can be prevented even when the LOCAL/MENU/REMOTE switch on the front panel is set to the MENU position by setting the unit to the menu protect mode.

1 Set the LOCAL/MENU/REMOTE switch to the MENU position.
The unit is now set to the menu setting mode, and the menu screen appears on the video monitor.

2 Press the RESET button.
The unit is set to the default setting mode, and the default setting screen appears on the video monitor.

```
SELECT      MODE
         * 0 ESCAPE
           1 LOAD
           2 SAVE
           3 PROTECT
```

3 Press the MENU-UP button or MENU-DOWN button to move the cursor to the PROTECT position, and press the SET button.
The unit is set to the menu protect setting mode, and a screen for checking whether to protect the menus appears on the video monitor.

```
MENU PROTECT OK?
         * NO
           YES
```

4 Press the MENU-UP button or MENU-DOWN button to move the cursor to the YES position, and press the SET button.
The menu screen is now displayed.

5 Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.
The unit is set to the menu protect mode.
When the LOCAL/MENU/REMOTE switch is set to the MENU position, the menu setting mode is not established, and "MENU PROTECTED" appears on the video monitor screen.
<Note>
If the LOCAL/MENU/REMOTE switch is set to the MENU position while holding down the COUNTER button on the front panel, the menu setting mode will be established and the regular menu settings can be performed even in the menu protect mode.
Perform steps *2* through *7* of "Setting method using on-screen menus." (See page 19.)

How to release the menu protection

1 Set the LOCAL/MENU/REMOTE switch to the MENU position while holding down the COUNTER button on the front panel.
The unit is set to the menu setting mode, and the menu screen appears on the video monitor.

2 Perform steps *2* and *3* of "How to protect the menus." and a screen for checking whether to protect the menus appears on the video monitor.

```
MENU PROTECT OK?
         * NO
           YES
```

3 Press the MENU-UP button or MENU-DOWN button to move the cursor to the NO position, and press the SET button.
The menu protection is now released.

How to display the DIAG menu

This unit has a function for displaying hour meters, software version and the deck's serial number on the video monitor.

1 Set the LOCAL/MENU/REMOTE switch to the MENU position while holding down the EJECT button.
The unit is set to the diagnosis display mode, and "HOURS METER" appears on the video monitor.

```
DIAG–MENU     HOURS METER
Ser  *********
H00  OPERATION     00000H
H01  DRUM RUN      00000H
H02  TAPE RUN      00000H
H03  THREADING     00000T
H11  DRUM RUN r    00000H
H12  TAPE RUN r    00000H
H13  THREADING r   00000T
```

Any item with "r" can be reset when servicing is performed.

2 While the hour meters are displayed, press the MENU-UP button or MENU-DOWN button while holding down the PAGE button.
The deck's serial number and software version are displayed on the video monitor.

```
DIAG–MENU   VERSION
<PAL>
FRONT       1.**-**
IF          1.**-**-*.**
AV-SYSCON   1.**-**-*.**
DV          1.**-**-*.**
CYLINDER    1.**-**-*.**
REEL        1.**-**-*.**
```

When the MENU-UP button or MENU-DOWN button is pressed again while holding down the PAGE button, operation returns to the hour meter display.

3 Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.
Operation now returns to the normal mode.

SYSTEM menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
01	VIDEO LEVEL	0000 : 0128 : 0255	−128 : 0 : 127	For setting the video level as part of the encoder adjustments performed by the unit. Maximum variation range: ±3 dB
02	BLACK LEVEL	0000 : 0128 : 0255	−128 : 0 : 127	For setting the black level as part of the encoder adjustments performed by the unit. Maximum variation range: ±70 mV
03	CHROMA PHASE	0000 : 0128 : 0255	−128 : 0 : 127	For setting the chroma phase as part of the encoder adjustments performed by the unit. Maximum variation range: ±25 degrees
04	CHROMA LEVEL	0000 : 0128 : 0255	−128 : 0 : 127	For setting the chroma level as part of the encoder adjustments performed by the unit. Maximum variation range: ±3 dB

The underlining indicates the factory setting.

<Note>
Item No. 01, 02, 03 and 04 are initialized only when "ALL" is selected for the initialization operation.

BASIC menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
000	LOCAL ENA	0000 0001 0002	DIS ST&EJ ENA	For setting the switches which can be operated on the front panel when the REMOTE/LOCAL switch has been set to REMOTE. 0: None of the switches can be operated. 1: Only the STOP and EJECT switches can be operated. 2: All operations are possible except for the COUNTER button and RESET button.
001	TAPE TIMER	0000 0001	±12h 24h	For setting the CTL counter to the 12-hour or 24-hour display system. 0: 12-hour display system 1: 24-hour display system
002	SUPER	0000 0001	OFF ON	For setting whether to display the time code, etc. onto the video monitor output by superimposing it. 0: Superimposed data is not displayed. 1: Superimposed data is displayed.
003	DISPLAY SEL	0000 0001 0002 0003	TIME T&STA T&R T&S&R	For setting what is to be displayed by superimposing onto the video monitor output. 0: Only the time is displayed. 1: The time and operation status are displayed. 2: The time and amount of remaining tape are displayed. 3: The time, operation status and amount of remaining tape are displayed.
004	CHARA H-POS	0000 : 0004 : 0008	0 : 4 : 8	For setting the character position in the horizontal direction for the superimposed display.
005	CHARA V-POS	0000 : : 0025	0 : : 25	For setting the character position in the vertical direction for the superimposed display. A setting from 0 to 21 is valid in the T&S&R mode (3-line display). A setting from 0 to 23 is valid in the T&STA mode or T&R mode (2-line display).
006	CHARA TYPE	0000 0001	WHITE W/OUT	For setting the type of superimposed display and menu display. 0: White characters are displayed on a black background. 1: White characters with black borders are displayed.
007	SYS FORMAT	0000 0001	50M 25M	For setting the unit's playback format. 0: 50 Mbps mode 1: 25 Mbps mode
008	PB FORMAT	0000 0001	MANUAL AUTO	For setting the format during tape playback. 0: Setting is based on the setting selected for menu item No.007 (SYS FORMAT). 1: Setting is based on the format recorded on the tape.

The underlining indicates the factory setting.

<Notes>

- If the PAGE button and DATA+ button or DATA– button are pressed when the CHARA H-POS or CHARA V-POS item has been set, the counter display appears temporarily while this button is held down to enable the setting to be checked.
  Even while the PAGE button is pressed, the settings can be performed using the DATA+ button or DATA– button while the actual status is checked.

OPERATION menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
100	SEARCH SPEED			For setting the speed at which the tape is to be decelerated when the search switch on the front panel has been pressed.
		0000	X4.1	0: 4.1× normal tape speed
		0001	X8.4	1: 8.4× normal tape speed
101	SHTL MAX			For setting the maximum speed in the shuttle mode when the external controller connected to the 9-pin remote connector is used.
		0000	X8.4	0: 8.4× normal tape speed
		0001	X16	1: 16× normal tape speed
		0002	X32	2: 32× normal tape speed
102	FF. REW MAX			For setting the maximum fast forward and rewind speed.
		0000	X16	0: 16× normal tape speed
		0001	X32	1: 32× normal tape speed
		0002	X60	2: 60× normal tape speed
				<Note> When the 50M mode has been selected as the menu item No.007 (SYS FORMAT) setting, the tape will run at 32× the normal tape speed even if 60× has been selected.
103	AUDIO MUTE			For setting the status until the audio signals are output when the unit has been transferred from the stop mode or search mode to play mode. (This item functions only with PCM audio signals.)
		0000	OFF	0: It takes a shorter time until the audio signals are output.
		0001	ON	1: The audio signals are stabilized before they are output.
106	HUMID OPE			For setting whether to ignore condensation when it has formed and continue with operation.
		0000	OFF	0: Unit does not continue to operate when condensation has formed.
		0001	ON	1: Unit continues to operate when condensation has formed in which case it cannot be guaranteed that the unit will operate normally.
				<Note> Due to the possibility that the tape may be damaged, this item should normally be set to 0 (no operation).
108	AUTO REW			For setting whether to automatically rewind the tape to the beginning when the tape end has been detected by a recording, playback or search operation.
		0000	OFF	0: The tape is not rewound.
		0001	ON	1: The tape is rewound to its beginning.
109	MEMORY STOP			For setting whether to stop the tape when the CTL counter reading becomes zero during fast forwarding or rewinding. (This item functions only in the CTL mode.)
		0000	OFF	0: The tape is not stopped.
		0001	ON	1: The tape is stopped.
111	AFTER CUE-UP			For setting the status after cue-up.
		0000	STOP	0: For stopping the tape in the stop mode.
		0001	STILL	1: For stopping the tape in the still mode.
114	FRZ MODE SEL			For selecting the output picture in the STANDBY OFF (HALF LOADING) mode when the TAPE/BLACK switch has been set to TAPE.
		0000	DIS	0: The output picture is muted.
		0001	STBOFF	1: The playback picture is frozen for output as soon as the STANDBY OFF (HALF LOADING) mode is established.

The underlining indicates the factory setting.

INTERFACE menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
200	ID SEL			For setting the ID information to be returned to the controller.
		0000	OTHER	0: 21 25H is returned.
		0001	DVCPRO	1: The DVCPRO unit's own ID (F1 33H) is returned.

The underlining indicates the factory setting.

TAPE PROTECT menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
400	STILL TIMER	0000	0.5S	For setting the time taken until the tape protection mode is established when the unit has been left standing in the stop or still mode. (Unit: S = seconds, min = minutes)
		0001	5S	
		0002	10S	
		0003	20S	
		0004	30S	
		0005	40S	
		0006	50S	
		0007	1min	
		0008	2min	
401	SRC PROTECT			For setting the tape protection mode operation when the unit has been left standing in the still mode.
		0000	STEP	0: STEP FWD
		0001	HALF	1: STANDBY OFF (HALF LOADING)
				<Note> When STEP FWD has been selected, the unit is automatically transferred to the STANDBY OFF (HALF LOADING) mode when the total length of time it has been left standing in the still mode reaches 30 minutes.
402	DRUM STDBY			For setting the drum operation in the STANDBY OFF (HALF LOADING) mode.
		0000	OFF	0: The drum rotation is stopped.
		0001	ON	1: The drum rotation is continued.
403	STOP PROTECT			For setting the tape protection mode operation when the unit has been left standing in the stop mode.
		0000	STEP	0: STEP FWD
		0001	HALF	1: STANDBY OFF (HALF LOADING)
				<Note> When STEP FWD has been selected, the unit is automatically transferred to the STANDBY OFF (HALF LOADING) mode when the total length of time it has been left standing in the stop mode reaches 30 minutes.

The underlining indicates the factory setting.

TIME CODE menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
500	VITC BLANK			For setting whether the VITC signal is to be output to the composite video output.
		0000	BLANK	0: VITC signal is not output.
		0001	THRU	1: VITC signal is output.
501	VITC POS-1	0000	7L	For setting the position where the VITC signal is to be inserted.
		:	:	(The same line as the one used for VITC POS-2 cannot be set.)
		0004	11L	
		:	:	
		0014	21L	
502	VITC POS-2	0000	7L	For setting the position where the VITC signal is to be inserted.
		:	:	(The same line as the one used for VITC POS-1 cannot be set.)
		0006	13L	
		:	:	
		0014	21L	
509	CF FLAG			For setting whether to add the CF flag of the TC to the CF bit (colour frame bit).
		0000	OFF	0: CF flag is not added. (LTC CF bit: 0)
		0001	ON	1: CF flag is added. (LTC CF bit: 1)

The underlining indicates the factory setting.

VIDEO menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
601	V-MUTE SEL			For setting whether to mute the video signals when LOW RF or NO RF has occurred during playback.
		0000	N-MUTE	0: The video signals are not muted (the picture is frozen).
		0001	LOW RF	1: The video signal picture is muted (the screen goes blank).
604	FREEZE SEL			For setting the freeze mode of still pictures.
		0000	FIELD1	0: Field freeze (field No.1)
		0001	FIELD2	1: Field freeze (field No.2)
		0002	FRAME	2: Frame freeze

The underlining indicates the factory setting.

AUDIO menu

Item		Setting		Description of setting
No.	Superimposed display	No.	Superimposed display	
702	CH1 OUT LV	0000	4dB	For setting the audio output (CH1) reference level.
		0001	0dB	
		0002	–3dB	
		0003	–20dB	
703	CH2 OUT LV	0000	4dB	For setting the audio output (CH2) reference level.
		0001	0dB	
		0002	–3dB	
		0003	–20dB	
705	MONI SEL			For setting the audio signals during playback.
		0000	PLY PCM	0: PCM audio signals are output.
		0001	PLY CUE	1: CUE audio signals are output.
707	PB FADE			For setting the monitor output and headphone output sound during playback.
		0000	AUTO	0: The sound complies with the status during recording.
		0001	CUT	1: The sound is forcibly cut.
		0002	FADE	2: The sound is forcibly faded.
708	MONITOR MIX			For setting the audio monitor output method. (This function works when the audio monitor selector switch on the front panel is set to the ST position.)
		0000	STEREO	0: The sound is output in stereo (with the left channel sound from the L connector and right channel sound from the R connector).
		0001	CH1+2	1: The sound is mixed (and mixed sound is output at both connectors).
709	H.PHONE MIX			For setting the headphone output. (This function works when the audio monitor selector switch on the front panel is set to the ST position.)
		0000	STEREO	0: The sound is output in stereo.
		0001	CH1+2	1: The sound is mixed (when monaural headphones are used).
710	CUE OUT SEL			For setting whether the analogue cue signals are to be output to the audio output (main line system).
		0000	OFF	0: The analogue cue signals are not output. PCM audio signals are output during playback; no sound is output in all other modes.
		0001	ON	1: The analogue cue signals are output. PCM audio signals are output during playback; analogue cue signals are output in all other modes.
711	PB AUDIO SEL			For setting the audio tracks to be played back. (This function works in the 50 Mbps mode.)
		0000	TR1/2	0: The sound recorded on tracks 1 and 2 is played back.
		0001	TR3/4	1: The sound recorded on tracks 3 and 4 is played back.

The underlining indicates the factory setting.

Error Messages

When trouble has occurred in the unit, one of the following error messages will be displayed on the tape counter.

Error No.	Description
- d -	Condensation (dew) has formed.
E — 00	This appears when the servo has failed to lock for more than 3 seconds. If "T&S&R" has been selected as the setup menu item No.003 setting, "SERVO NOT LOCKED" is displayed on the third line (amount of remaining tape line) of the monitor screen.
E — 01	This appears when there is no head output (due to clogging, etc.) for more than 3 seconds. "L" is displayed on the first line (counter line) of the monitor screen. If "T&S&R" has been selected as the setup menu item No.003 setting, "LOW RF" is displayed on the third line (amount of remaining tape line) of the monitor screen.
E — 02	This appears when the error rate has deteriorated (when the channel condition lamps have turned red). If "T&S&R" has been selected as the setup menu item No.003 setting, "HIGH ERROR RATE" is displayed on the third line (amount of remaining tape line) of the monitor screen.
E — 09	This appears when a blank portion on the tape has been detected. "N" is displayed on the first line (counter line) of the monitor screen. If "T&S&R" has been selected as the setup menu item No.003 setting, "NO RF" is displayed on the third line (amount of remaining tape line) of the monitor screen. When all the following conditions are satisfied, the part of the tape concerned is recognized as a blank part. ● When there is no output from any of the heads ● When the playback data cannot be read ● When there is no CTL signal
E — 10	This appears when the fan motor has stopped. "S" is displayed on the first line (counter line) of the monitor screen. If "T&S&R" has been selected as the setup menu item No.003 setting, "FAN STOP" is displayed on the third line (amount of remaining tape line) of the monitor screen. The power will be automatically turned off if the fan remains stopped for more than 5 minutes or so.
E — 11	This appears when the reel base which operates in accordance with the size of the tape has locked up for more than 2.5 seconds.
E — 21	This appears when the cassette down operation fails to take place even when 4 seconds have elapsed after the cassette was inserted. Alternatively, it appears when the cassette fails to be ejected even when 4 seconds have elapsed after its ejection operation was performed.

Error No.	Description
E — 31	This appears when the loading operations fails to be completed within 4 seconds.
E — 32	This appears when the unloading operations fails to be completed within 4 seconds.
E — 41	This appears when the FG signal (rotational speed signal) fails to be output from the cylinder motor.
E — 42	This appears when the PG signal (phase signal) fails to be output from the cylinder motor.
E — 43	This appears when the cylinder motor speed is abnormally high.
E — 44	This appears when the cylinder motor speed is abnormally low.
E — 51	This appears when the FG signal (rotational speed signal) fails to be output from the capstan motor.
E — 52	This appears when the capstan motor speed is abnormally high.
E — 53	This appears when the capstan motor speed is abnormally low.
E — 61	This appears when the supply reel motor has locked up.
E — 62	This appears when the take-up reel motor has locked up.
E — 63	This appears when the supply reel motor speed is abnormally high.
E — 64	This appears when the take-up reel motor speed is abnormally high.
E — 65	This appears when abnormal tension has been detected.
E — 66	This appears when the start or end processing operation fails to be completed within 7 seconds.
E — 67	This appears when there is a communication error between SERVO and AVSYS. There is a problem with the data.
E — 68	This appears when there is a communication error between SERVO and AVSYS. The data is fixed to high or low.
E — 69	This appears when there is a problem in communication between SERVO and AVSYS when the power is turned on.
E — 6A	This appears when there is a communication error between IF and FRONT.
E — 6B	This appears when there is a communication error between IF and AVSYS. There is a problem with the internal reference or external reference.
E — 80	This appears when there is a problem with the supply voltage.

Emergency Eject

Procedure for removing the tape manually in an emergency

Use the procedure below to remove the cassette tape if it can not be removed even when the EJECT button is pressed.

- **Before proceeding to eject the tape manually, you must first turn off the power to the unit.**

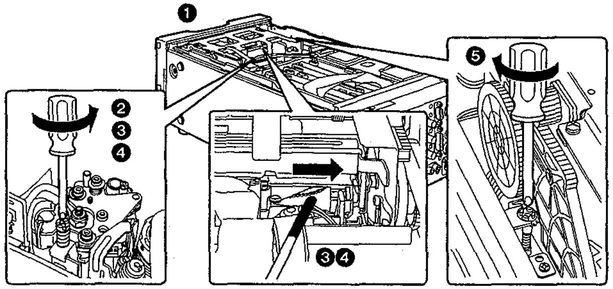
❶ Remove the top panel.

❷ Use a Phillips head screwdriver to push in and turn the red plastic screw part counterclockwise.
(This screw needs to be rotated about 30 turns before unloading can be started.)

❸ Insert the take-up jig (packed with the unit) into the tape ejection slot (on the mechanism side of the VTR), and rotate the flange part (white gear) of the supply reel in the take-up direction to take up the tape slack using the rubber part of the take-up jig.
<Note>
Take care not to damage the tape in any way.

❹ Once more use the Phillips head screwdriver to push in and turn the red plastic screw part counterclockwise. Again rotate the flange part of the supply reel in the take-up direction to take up the tape slack.
This two-step procedure needs to be repeated until the tape is completely housed in the cassette case (about 90 turns of the red plastic screw part).

❺ Use the Phillips head screwdriver to turn the red plastic screw part at the slot-in side clockwise to eject the cassette tape.
(This screw needs to be rotated through about 140 turns until the tape is ejected.)
<Note>
Take care not to sandwich or catch the tape when closing the cassette cover.



SECTION 2

SERVICE INFORMATIONS

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1. Service Menu Setting (Same items not function for this model)

1-1. SERVO

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
A01	T OFFSET	-128 ~ 127	T reel torque command offset adjustment
A02	S OFFSET	-128 ~ 127	S reel torque command offset adjustment
A03	T TORQUE	-128 ~ 127	T reel motor torque offset value compensation
A04	S TORQUE	-128 ~ 127	S reel motor torque offset value compensation
A05	TENSION OFST	-128 ~ 127	Tension offset adjustment
A06	PG SFTR 50 R	0 ~ 32767	50M PG shifter automatic adjustment
	PG SFTR 50 F	0 ~ 32767	
A07	PG SFTR 25 R	0 ~ 32767	25M PG shifter automatic adjustment
	PG SFTR 25 F	0 ~ 32767	
A08	RP GAIN 50M	-128 ~ 127	LISTA adjustment at 50M. (RP head gain adjustment)
A09	RP LIN50M	-----	Measurement of RP linearity
A10	PB GAIN 50M	-128 ~ 127	LISTA adjustment at 50M. (PB head gain adjustment)
A11	PB LIN50M	-----	Measurement of PB linearity
A12	RP GAIN 25M	-128 ~ 127	LISTA adjustment at 25M. (RP head gain adjustment)
A13	RP LIN25M	-----	Measurement of RP linearity
A14	PB GAIN 25M	-128 ~ 127	LISTA adjustment at 25M. (PB head gain adjustment)
A15	PB LIN25M	-----	Measurement of PB linearity
A16	MOTOR CHECK	OFF	Motor operation check
		CAPS.	
		DRUM	
		T REEL	
		S REEL	
A17	REC DATA SEL	CW	Selection of record data
		CW/2	
		CW/4	

1-2. RF/50M PLAY (PB)

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
B01	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
B02	VCO L	0 ~ 255	VCO (Lch)
B03	PB MAG L1	0 ~ 255	Playback amplitude (PB/L1 ch)
B04	PB MAG L2	0 ~ 255	Playback amplitude (PB/L2 ch)

B05	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
B06	PB DELAY L	0 ~ 255	Amount of EQ delay (PB/Lch)
B07	PB AEQ L	0 ~ 255	AutoEQ offset (PB/Lch)
B08	PB EQA L1	0 ~ 255	EQα (PB/L1ch)
B09	PB EQA L2	0 ~ 255	EQα (PB/L2ch)
B10	PB EQB L1	0 ~ 255	EQβ (PB/L1ch)
B11	PB EQB L2	0 ~ 255	EQβ (PB/L2ch)
B12	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
B13	PB PLLPHASEL	0 ~ 255	Clock phase (PB/Lch)
B14	PB PHASE L1	0 ~ 255	Playback group delay compensation (PB/L1ch)
B15	PB PHASE L2	0 ~ 255	Playback group delay compensation (PB/L2ch)
B16	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
B17	A/2 L	0 ~ 31	A/2 value (PB/Lch)
B18	CLOCKNO L	0 ~ 63	Clock number (PB/Lch)
B19	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
B20	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
B21	VCO R	0 ~ 255	VCO (Rch)
B22	PB MAG R1	0 ~ 255	Playback amplitude (PB/R1ch)
B23	PB MAG R2	0 ~ 255	Playback amplitude (PB/R2ch)
B24	PB PLLSLICER	0 ~ 255	Slice level (PB/Rch)
B25	PB DELAY R	0 ~ 255	Amount of EQ delay (PB/Rch)
B26	PB AEQ R	0 ~ 255	AutoEQ offset (PB/Rch)
B27	PB EQA R1	0 ~ 255	EQα (PB/R1ch)
B28	PB EQA R2	0 ~ 255	EQα (PB/R2ch)
B29	PB EQB R1	0 ~ 255	EQβ (PB/R1ch)
B30	PB EQB R2	0 ~ 255	EQβ (PB/R2ch)
B31	PB PLLSLICER	0 ~ 255	Slice level (PB/Rch)
B32	PB PLLPHASER	0 ~ 255	Clock phase (PB/Rch)
B33	PB PHASE R1	0 ~ 255	Playback group delay compensation (PB/R1ch)
B34	PB PHASE R2	0 ~ 255	Playback group delay compensation (PB/R2ch)
B35	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
B36	A/2 R	0 ~ 31	A/2 value (PB/Rch)
B37	CLOCKNO R	0 ~ 63	Clock number (PB/Rch)
B38	PB PLLSLICER	0 ~ 255	Slice level (PB/Rch)

B39	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
B40	25M TAPEPLAY	ATF	Set servo to the selected format - forced playback. (Only ATF or ATF50P is selectable.)
		CTL50P	
		CTL50R	
		CTL25P	
		CTL25R	
		ATF50P	
		ATF50R	
B41	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
B41	DEFAULT END	-----	Abort the current procedure.
B41	DEFAULT SAVE	-----	Save the factory adjustments.
B41	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-3. RF/50M PLAY (RP)

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
C01	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
C02	VCO L	0 ~ 255	VCO (Lch)
C03	RP MAG L1	0 ~ 255	Playback amplitude (RP/L1ch)
C04	RP MAG L2	0 ~ 255	Playback amplitude (RP/L2ch)
C05	RP PLLSLICEL	0 ~ 255	Slice level (RP/Lch)
C06	RP DELAY L	0 ~ 255	Amount of EQ delay (RP/Lch)
C07	RP AEQ L	0 ~ 255	Auto EQ offset (RP/Lch)
C08	RP EQA L1	0 ~ 255	EQα (RP/L1ch)
C09	RP EQA L2	0 ~ 255	EQα (RP/L2ch)
C10	RP EQB L1	0 ~ 255	EQβ (RP/L1ch)
C11	RP EQB L2	0 ~ 255	EQβ (RP/L2ch)
C12	RP PLLSLICEL	0 ~ 255	Slice level (RP/Lch)
C13	RP PLLPHASEL	0 ~ 255	Clock phase (RP/Lch)
C14	RP PHASE L1	0 ~ 255	Playback group delay compensation (RP/L1ch)
C15	RP PHASE L2	0 ~ 255	Playback group delay compensation (RP/L2ch)
C16	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	

C17	A/2 L	0 ~ 31	A/2 value (PB/Lch)
C18	CLOCKNO L	0 ~ 63	Clock number (PB/Lch)
C19	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
C20	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
C21	VCO R	0 ~ 255	VCO (Rch)
C22	RP MAG R1	0 ~ 255	Playback amplitude (RP/R1ch)
C23	RP MAG R2	0 ~ 255	Playback amplitude (RP/R2ch)
C24	RP PLLSLICER	0 ~ 255	Slice level (RP/Rch)
C25	RP DELAY R	0 ~ 255	Amount of EQ delay (RP/Rch)
C26	RP AEQ R	0 ~ 255	Auto EQ offset (RP/Rch)
C27	RP EQA R1	0 ~ 255	EQα (RP/R1ch)
C28	RP EQA R2	0 ~ 255	EQα (RP/R2ch)
C29	RP EQB R1	0 ~ 255	EQβ (RP/R1ch)
C30	RP EQB R2	0 ~ 255	EQβ (RP/R2ch)
C31	RP PLLSLICER	0 ~ 255	Slice level (RP/Rch)
C32	RP PLLPHASER	0 ~ 255	Clock phase (RP/Rch)
C33	RP PHASE R1	0 ~ 255	Playback group delay compensation (RP/R1ch)
C34	RP PHASE R2	0 ~ 255	Playback group delay compensation (RP/R2ch)
C35	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
C36	A/2 R	0 ~ 31	A/2 value (RP/Rch)
C37	CLOCKNO R	0 ~ 63	Clock number (RP/Rch)
C38	RP PLLSLICER	0 ~ 255	Slice level (RP/Rch)
C39	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
C40	25M TAPEPLAY	ATF	Set servo to the selected format - forced playback. (Only ATF or ATF50P is selectable.)
		CTL50P	
		CTL50R	
		CTL25P	
		CTL25R	
		ATF50P	
		ATF50R	
C41	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
C41	DEFAULT END	-----	Abort the current procedure.
C41	DEFAULT SAVE	-----	Save the factory adjustments.
C41	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-4. RF/50M REC

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
D01	REC CURR L1	0 ~ 255	Recording current (L1ch)
D02	REC CURR L2	0 ~ 255	Recording current (L2ch)
D03	REC FREQ L1	0 ~ 255	Recording freq. response (L1ch)
D04	REC FREQ L2	0 ~ 255	Recording freq. response (L2ch)
D05	REC CURR R1	0 ~ 255	Recording current (R1ch)
D06	REC CURR R2	0 ~ 255	Recording current (R2ch)
D07	REC FREQ R1	0 ~ 255	Recording freq. response (R1ch)
D08	REC FREQ R2	0 ~ 255	Recording freq. response (R2ch)
D09	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
D09	DEFAULT END	-----	Abort the current procedure.
D09	DEFAULT SAVE	-----	Save the factory adjustments.
D09	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-5. RF/25M PLAY (PB)

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
E01	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
E02	VCO L	0 ~ 255	VCO (Lch)
E03	PB MAG L1	0 ~ 255	Playback amplitude (PB/L1ch)
E04	PB MAG L2	0 ~ 255	Playback amplitude (PB/L2ch)
E05	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
E06	PB DELAY L	0 ~ 255	Amount of EQ delay (PB/Lch)
E07	PB AEQ L	0 ~ 255	Auto EQ offset (PB/Lch)
E08	PB EQA L1	0 ~ 255	EQα (PB/L1ch)
E09	PB EQA L2	0 ~ 255	EQα (PB/L2ch)
E10	PB EQB L1	0 ~ 255	EQβ (PB/L1ch)
E11	PB EQB L2	0 ~ 255	EQβ (PB/L2ch)
E12	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
E13	PB PLLPHASEL	0 ~ 255	Clock phase (PB/Lch)
E14	PB PHASE L1	0 ~ 255	Playback group delay compensation (PB/L1ch)
E15	PB PHASE L2	0 ~ 255	Playback group delay compensation (PB/L2ch)

E16	VITERBI	AUTO ON OFF	Settings in VITERBI mode
E17	A/2 L	0 ~ 31	A/2 Value (PB/Lch)
E18	CLOCKNO L	0 ~ 63	Clock number (PB/Lch)
E19	PB PLLSLICEL	0 ~ 255	Slice level (PB/Lch)
E20	VITERBI	AUTO ON OFF	Settings in VITERBI mode
E21	VCO R	0 ~ 255	VCO (Rch)
E22	PB MAG R1	0 ~ 255	Playback amplitude (PB/R1ch)
E23	PB MAG R2	0 ~ 255	Playback amplitude (PB/R2ch)
E24	PB PLLSLICER	0 ~ 255	Slice level (PB/Rch)
E25	PB DELAY R	0 ~ 255	Amount of EQ delay (PB/Rch)
E26	PB AEQ R	0 ~ 255	Auto EQ offset (PB/Rch)
E27	PB EQA R1	0 ~ 255	EQα (PB/R1ch)
E28	PB EQA R2	0 ~ 255	EQα (PB/R2ch)
E29	PB EQB R1	0 ~ 255	EQβ (PB/R1ch)
E30	PB EQB R2	0 ~ 255	EQβ (PB/R2ch)
E31	PB PLLSLICER	0 ~ 255	Slice level (PB/Rch)
E32	PB PLLPHASER	0 ~ 255	Clock phase (PB/Rch)
E33	PB PHASE R1	0 ~ 255	Playback group delay compensation (PB/R1ch)
E34	PB PHASE R2	0 ~ 255	Playback group delay compensation (PB/R2ch)
E35	VITERBI	AUTO ON OFF	Settings in VITERBI mode
E36	A/2 R	0 ~ 31	A/2 Value (PB/Rch)
E37	CLOCKNO R	0 ~ 63	Clock number (PB/Rch)
E38	PB PLLSLICER	0 ~ 255	Slice level (PB/Rch)
E39	VITERBI	AUTO ON OFF	Settings in VITERBI mode
E40	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
E40	DEFAULT END	-----	Abort the current procedure.
E40	DEFAULT SAVE	-----	Save the factory adjustments.
E40	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-6. RF/25M PLAY (RP)

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
F01	VITERBI	AUTO ON OFF	Settings in VITERBI mode
F02	VCO L	0 ~ 255	VCO (Lch)
F03	RP MAG L1	0 ~ 255	Playback amplitude (RP/L1ch)
F04	RP MAG L2	0 ~ 255	Playback amplitude (RP/L2ch)
F05	RP PLLSLICEL	0 ~ 255	Slice level (RP/Lch)
F06	RP DELAY L	0 ~ 255	Amount of EQ delay (RP/Lch)
F07	RP AEQ L	0 ~ 255	Auto EQ offset (RP/Lch)
F08	RP EQA L1	0 ~ 255	EQα (RP/L1ch)
F09	RP EQA L2	0 ~ 255	EQα (RP/L2ch)
F10	RP EQB L1	0 ~ 255	EQβ (RP/L1ch)
F11	RP EQB L2	0 ~ 255	EQβ (RP/L2ch)
F12	RP PLLSLICEL	0 ~ 255	Slice level (RP/Lch)
F13	RP PLLPHASEL	0 ~ 255	Clock phase (RP/Lch)
F14	RP PHASE L1	0 ~ 255	Playback group delay compensation (RP/L1ch)
F15	RP PHASE L2	0 ~ 255	Playback group delay compensation (RP/L2ch)
F16	VITERBI	AUTO ON OFF	Settings in VITERBI mode
F17	A/2 L	0 ~ 31	A/2 Value (RP/Lch)
F18	CLOCKNO L	0 ~ 63	Clock number (RP/Lch)
F19	RP PLLSLICEL	0 ~ 255	Slice level (RP/Lch)
F20	VITERBI	AUTO ON OFF	Settings in VITERBI mode
F21	VCO R	0 ~ 255	VCO (Rch)
F22	RP MAG R1	0 ~ 255	Playback amplitude (RP/R1ch)
F23	RP MAG R2	0 ~ 255	Playback amplitude (RP/R2ch)
F24	RP PLLSLICER	0 ~ 255	Slice level (RP/Rch)
F25	RP DELAY R	0 ~ 255	Amount of EQ delay (RP/Rch)
F26	RP AEQ R	0 ~ 255	AutoEQ offset (RP/Rch)
F27	RP EQA R1	0 ~ 255	EQα (RP/R1ch)
F28	RP EQA R2	0 ~ 255	EQα (RP/R2ch)
F29	RP EQB R1	0 ~ 255	EQβ (RP/R1ch)
F30	RP EQB R2	0 ~ 255	EQβ (RP/R2ch)

F31	RP PLLSLICER	0 ~ 255	Slice level (RP/Rch)
F32	RP PLLPHASER	0 ~ 255	Clock phase (RP/Rch)
F33	RP PHASE R1	0 ~ 255	Playback group delay compensation (RP/R1ch)
F34	RP PHASE R2	0 ~ 255	Playback group delay compensation (RP/R2ch)
F35	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
F36	A/2 R	0 ~ 31	A/2 Value (RP/Rch)
F37	CLOCKNO R	0 ~ 63	Clock number (RP/Rch)
F38	RP PLLSLICER	0 ~ 255	Slice level (RP/Rch)
F39	VITERBI	AUTO	Settings in VITERBI mode
		ON	
		OFF	
F40	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
F40	DEFAULT END	-----	Abort the current procedure.
F40	DEFAULT SAVE	-----	Save the factory adjustments.
F40	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-7. RF/25M REC

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
G01	REC CURR L1	0 ~ 255	Recording current (L1ch)
G02	REC CURR L2	0 ~ 255	Recording current (L2ch)
G03	REC FREQ L1	0 ~ 255	Recording freq. response (L1ch)
G04	REC FREQ L2	0 ~ 255	Recording freq. response (L2ch)
G05	REC CURR R1	0 ~ 255	Recording current (R1ch)
G06	REC CURR R2	0 ~ 255	Recording current (R2ch)
G07	REC FREQ R1	0 ~ 255	Recording freq. response (R1ch)
G08	REC FREQ R2	0 ~ 255	Recording freq. response (R2ch)
G09	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
G09	DEFAULT END	-----	Abort the current procedure.
G09	DEFAULT SAVE	-----	Save the factory adjustments.
G09	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-8. VIDEO ADJUST

FORMAT : 25M, VITERBI : AUTO, TRACKING MODE : ATF, CONCEAL : ON, ECC : ON

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
H01	PR BAL	-128 ~ 127	Set video output PR balance.
H02	PB BAL	-128 ~ 127	Set video output PB balance.
H03	BLC DC	-128 ~ 127	Set playback CPS blanking level.
H04	SET UP OFST	-128 ~ 127	Set setup offset.
H05	V LEV OFST	-128 ~ 127	Set video output level.
H06	C LEV OFST	-128 ~ 127	Set playback chroma level.
H07	C DELAY	-128 ~ 127	Set playback chroma delay.
H08	HUE OFST	-128 ~ 127	Set video output HUE offset.
H09	CPN BLK DC	-128 ~ 127	Set playback component blanking level.
H10	REC PR BAL	-128 ~ 127	Set record PR balance.
H11	REC PB BAL	-128 ~ 127	Set record PB balance.
H12	Y CLAMP DC	-128 ~ 127	Set record Y clamp level.
H13	CPS Y LEV	-128 ~ 127	Set record composite level.
H14	CPS C LEV	-128 ~ 127	Set record composite chroma level.
H15	AXIS	-128 ~ 127	Set record composite chroma phase.
H16	SET UP ADD	-128 ~ 127	Set video output setup level.
H17	V LEV ADD	-128 ~ 127	Set video output level with setup.
H18	Y CLAMP CUT	-128 ~ 127	Set record Y level without setup.
H19	C LEVEL CUT	-128 ~ 127	Set record chroma level without setup.
H20	CPS LEV CUT	-128 ~ 127	Set record Y level without setup.
H21	V SETUP	OFF	Turn on/off setup menu option VIN SETUP/VOUT SETUP. (NTSC system only. Except Japanese version.)
		ON	
H22	DEFAULT	-----	Pressing SET key at DEFAULT menu displays END, LOAD and SAVE.
H22	DEFAULT END	-----	Abort the current procedure.
H22	DEFAULT SAVE	-----	Save the factory adjustments.
H22	DEFAULT LOAD	-----	Set the adjustments to the factory settings.

1-9. SYSTEM ADJUST

Parameter		Default Value	Settings and Brief Functional Description
No.	Display		
I00	DOLBY NR	ON	Set DOLBY NR.
		OFF	
I01	UNDERCUT ADJ	0 ~ 7	Adjust battery undercut voltage.
	FINE	0 ~ 255	
I02	S PHOTO	0.0V ~ 3.3V	Display S PHOTO voltage.
	T PHOTO	0.0V ~ 3.3V	Display T PHOTO voltage.
I03	AUD VCO CHK	OFF	Select audio sampling frequency adjusting mode.
		48K	
		44K	
		32K	
I04	REC DATA SEL	NORMAL	Set the format of record RF frequency.
		50CW	
		50CW/4	
		25CW	
		25CW/4	
I05	TRACKING MOD	ATF	Set the servo to the selected format - forced playback. (Only ATF or CTL25R is selectable.)
		CTL50P	
		CTL50R	
		CTL25P	
		CTL25R	
		ATF50P	
		ATF50R	
I06	TRACKING VAL	-128 ~ 127	Set tracking value of CTL tracking mode.
I07	ENDLESS STOP	DISABL	Set STILL TIMER to infinite time. (Do not use.)
		ENABLE	
I08	MID M CAS	-----	Check operation of carriage reel base. → The carriage reel base moves. Press the SET key → EJECT state.
I09	SYSTEM TYPE	TYPE 1	Set operation mode when 9P is connected. 00000: Normal mode. 00001: Japan Broadcast mode.
		TYPE 2	

2. Display of Accumulative Time and Software Version

2-1. DIAG MENU

<1> Holding the EJECT button on the Front Panel, set the LOCAL/MENU/REMOTE switch to MENU.

<2> Press the REW (PAGE) button and FF (UP) button simultaneously to toggle between displays.

HOUR METER Display ←→ VERSION Display (software)

(VIDEO MONI OUT)

```
DIAG-MENU              HOURS METER
 Ser   (SERIAL No.)
 H01   DRUM RUN               00000H
 H02   TAPE RUN               00000H
 H03   THREADING              00000T
 H11   DRUM RUN r             00000H
 H12   TAPE RUN r             00000H
 H13   THREADING r            00000T
 END
```

```
DIAG-MENU              VERSION
< PAL >
 FRONT        1.**-**
 IF           1.**-**-*.**
 AV-SYSCON    1.**-**-*.**
 DV           1.**-**-*.**
 CYLINDER     1.**-**-*.**
 REEL         1.**-**-*.**
 END
```

(Front Panel Display)

HOURS Meter Display

H0 00 ** **: when OPERATION is selected

H0 10 ** **: when DRUM RUN is selected

H0 20 ** **: when TAPE RUN is selected

H0 30 ** **: when THREADING is selected

H1 10 ** **: when DRUM RUN r is selected

H2 20 ** **: when TAPE RUN r is selected

H1 30 ** **: when THREADING r is selected

Software Version Display

Fr: Front Microcomputer IF: IF Microcomputer AV: AVSYS Microcomputer

Dv: DV Microcomputer Cy: CYLINDER Microcomputer Rl: REEL Microcomputer

3. Menu Option Selection

<1> Set SW802 BIT2 of AVSYS P.C.Board to ON.

<2> Set LOCAL/MENU/REMOTE switch on the Front Panel to MENU.

<3> Main Menu Operation:

- STOP (DOWN) button: moves up the asterisk on the Menu Screen.
- FF (UP) button: moves down the asterisk on the Menu Screen.
- SEARCH (MODE) button: shift to sub Menu.

(Note) When REC INHIBIT switch on the Front Panel is set at OFF, the menu operation is enabled. If ON, VTR operation is enabled.

<4> Sub Menu Operation:

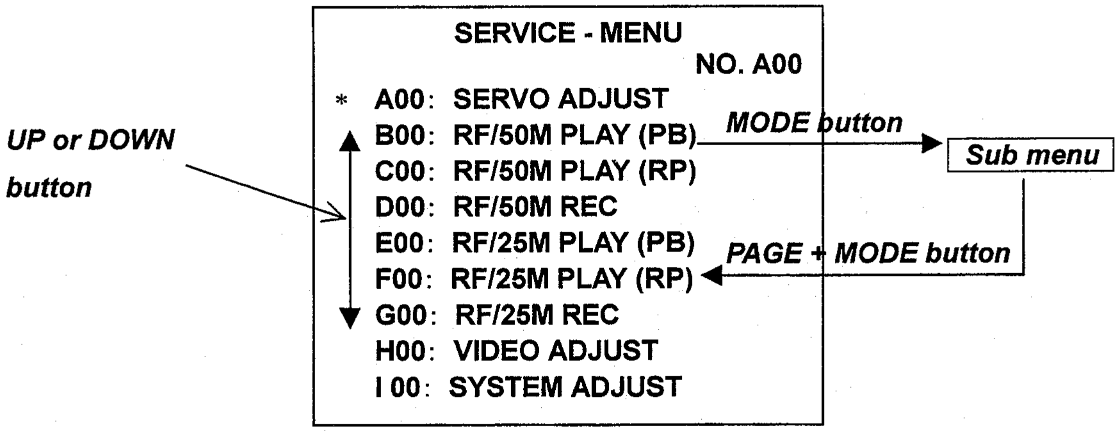
- STOP (DOWN) button: moves up the asterisk on the menu screen.
- FF (UP) button: moves down the asterisk on the menu screen.
- REW (PAGE) + STOP (DOWN) buttons: moves the asterisk to the previous page.
- REW (PAGE) + FF (UP) buttons: moves the asterisk to the next page.
- REW (PAGE) + SEARCH (MODE) buttons: returns back to the main menu.
- RLAY (-) or PAUSE (+) button: changes data or setting.

<5> Data Fix Method:

- A00 SERVO ADJUST: Always fix a data.
- B00 RF/50M PLAY to -H00 VIDEO ADJUST: Fix a data by executing DEFAULT SAVE.
- I00 SYSTEM ADJUST: Fix a data by pressing REC (SET) button..

<6> Close the menu:

Set LOCAL/MENU/REMOTE switch on the Front Panel to LOCAL or REMOTE.



SERVICE - MENU
NO. A00
*** A00: SERVO ADJUST**
B00: RF/50M PLAY (PB)
C00: RF/50M PLAY (RP)
D00: RF/50M REC
E00: RF/25M PLAY (PB)
F00: RF/25M PLAY (RP)
G00: RF/25M REC
H00: VIDEO ADJUST
I 00: SYSTEM ADJUST

4. Error Rate Display

The Audio Meter on the Front Panel displays the Error Rate.

(Service Menu Mode → AVSYS P.C.Board SW802-2 is ON)

- The Audio Meter always displays the Error Rate.

(Normal Mode → Service Menu not use)

- With REC INHIBIT switch is ON: pressing the SEARCH (MODE) button and INPUT_SELECT button simultaneously to enables the Audio Meter to show the Error Rate.
- Pressing the RESET button disables Error Rate Display.

Selection of Display Mode

Mode	CH1 Display	CH2 Display	Display Tube
Video L1 / L2	Off	Off	Video L
Video R1 / R2	On	On	Video R
Audio L1 / L2	On	Off	Audio L
Audio R1 / R2	Off	On	Audio R
• COUNTER button scrolls the modes. • The Display Tube indicates the new mode only for approx. 3 seconds.			

5. Flash ROM Version Up

The AJ-D94E contains two Flash ROMs. When it is necessary to upgrade these ROMs, take the following steps.

<Tools Required>

Flash ROM Version Up software	: VSI2312A
Flash ROM writer	: VFK1304

5-1. Rewriting AVSYS ROM

<1> Confirm that the power to the AJ-D94E is OFF. Open the Top Cover.

<2> Start the Flash ROM Version Up Software (VSI2312A) on the PC.

<3> Connect the serial port of the PC to the Flash ROM writer tool through 9-pin Cross (reverse) Cable. Connect the flat cable from the Flash ROM writer tool to P61203 of the AVSYS P.C.Board.(see page SVC-15)

<4> Set DIP SW1 Bit 1 and 2 of the Flash ROM writer tool to ON and then turn ON the AJ-D94E.

<5> Set the writing software (Setup Panel) as shown below :

TARGET MACHINE ID CHECK: ● ON K1
TARGET FILE NAME:
(Click Browse... button to locate the updated data file VSI****.mot.)
Port: COM1(or 9-pin connection port in use) Baud Rate: 56000
Stop Bit: 1Bit Byte Size: 8Bit Parity: NONE
Main Panel: place a mark in the checkbox.

<6> Upon setting the Setup Panel, click the OK button to display the Main Panel. Click the Start button to start writing.

<7> Upon completion of writing, turn OFF the AJ-D94E and disconnect the flat cable.

5-2. Rewriting IF ROM

<1> Verify that the power to the AJ-D94E is OFF. Open the Top Cover.

<2> Start the Flash ROM Version Up software (VSI2312A) on the PC.

<3> Connect the serial port of the PC to the flash ROM writer tool through 9-conductor cross (reverse) cable. Connect the flat cable from the Flash ROM writer tool to P61203 of the AVSYS P.C.Board.(see next page)

<4> Set DIP SW1 Bit 1,2 and 3 of the Flash ROM writer tool to ON and then turn ON the AJ-D94E.

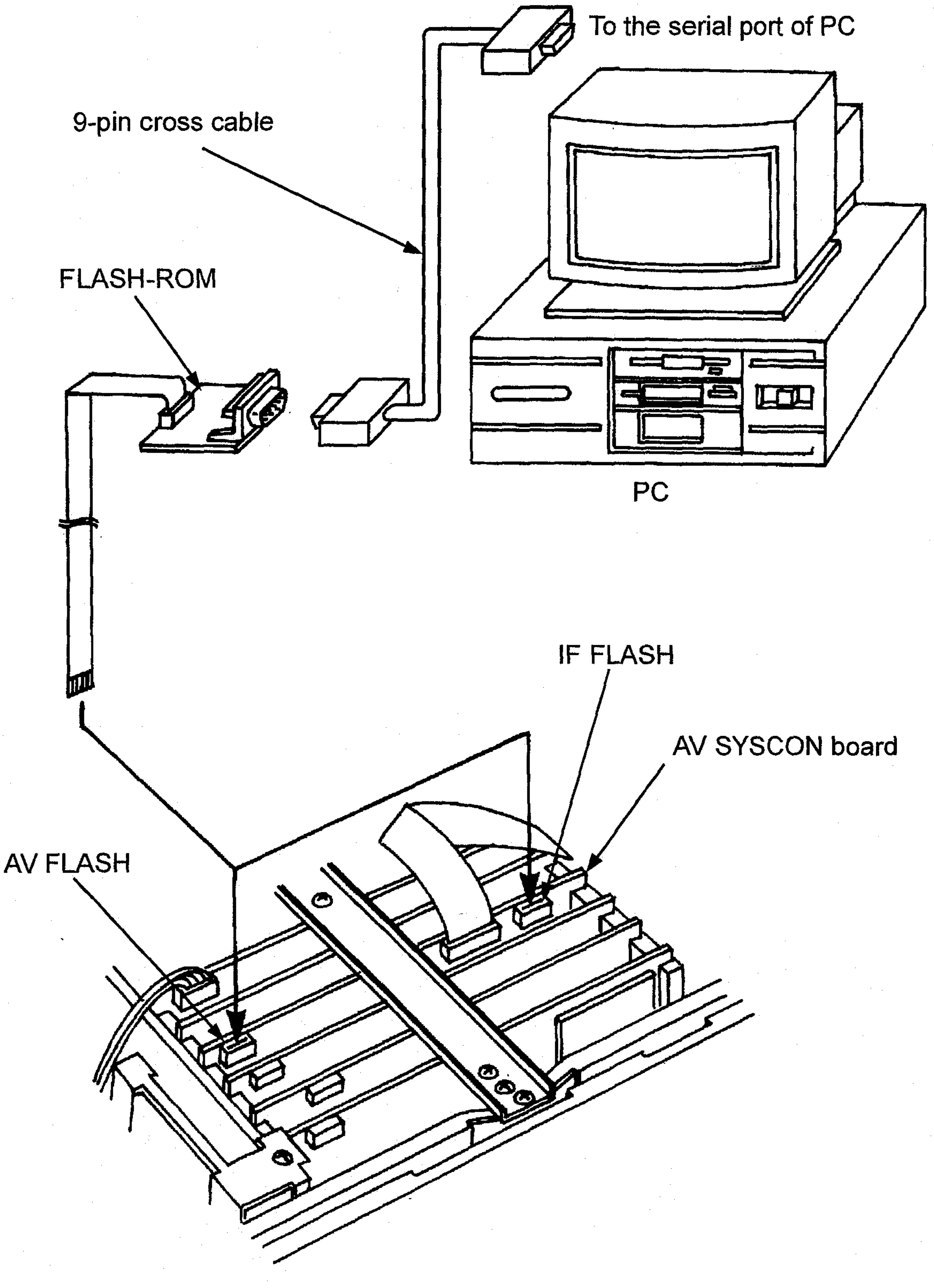
<5> Set the writing software (Setup Panel) as shown below :

TARGET MACHINE ID CHECK: ● ON K1IF
TARGET FILE NAME:
(Click Browse... button to locate the updated data file VSI****.mot.)
Port: COM1(or 9-pin connection port in use) Baud Rate: 38400
Stop Bit: 1Bit Byte Size: 8Bit Parity: NONE
Main Panel: place a mark in the checkbox.

<6> Upon setting the Setup Panel, click the OK button to display the Main Panel. Click the Start button to start writing.

<7> Upon completion of writing, turn OFF the AJ-D94E and disconnect the flat cable.

Connecting Flash ROM Version Up


To the serial port of PC
9-pin cross cable
FLASH-ROM
PC
IF FLASH
AV SYSCON board
AV FLASH

6. Initializing of the Hour Meter

Switch Setting

Set the SW60802 on the AV SYS P.C.Board as shown below.

DIP 1 : OFF DIP 2 : ON DIP 3 : OFF DIP 4 : OFF

Front Switch Setting

Set the "LOCAL/MENU/REMOTE" switch to "LOCAL", and turn OFF the REC INHIBIT switch.

Initializing

1) Pressing the EJECT button on the Front Panel, set the LOCAL/MENU/REMOTE switch to MENU.
2) Pressing the REW and REC buttons, press the RESET button simultaneously.
3) Press the STOP button, and then start initializing following items.
    - **THREADING**
    - **DRUM RUN**
    - **TAPE RUN**
    - **THREADING r**
    - **DRUM RUN r**
    - **TAPE RUN r**
    - **USER MENU**
    - **USER DEFAULT MENU**
4) After initializing, **turn OFF the all DIP Switches** of the SW60802 on the AV SYS P.C.Board.

NOTE : When the DIP2 is OFF on the AV SYS P.C.Board, you can open the DIAG MENU. But it is not able to initialize the HOUR METER.

SECTION 3

MAINTENANCE
&
DISASSEMBLY PROCEDURES

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1.Maintenance

1-1. Maintenance Parts Chart

No.	NAME	Part Number	Part Using Hours (Unit Hours)					
			2,000	4,000	6,000	8,000	10,000	12,000
1	Cylinder Unit	VEG1502	●	●	●	●	●	◎
2	Cleaning Arm Unit	VXL2924	●▲	●▲	●▲	●▲	●▲	◎
3	Pinch Arm Unit	VXL2835	●	●	●	●	●	◎
4	S Reel Motor Unit	VEM0686		●		●		◎
5	T Reel Motor Unit	VEM0687		●		●		◎
6	Thrust Screw Unit	VXQ0556		●		●		◎
7	S Loading Arm Unit	VXL2812			●			◎
8	T1 Boat UA	VXA6379			●			◎
9	S Post Base UA	VXA6052			●			◎
10	Tension Arm S Unit	VXL2832			●			◎
11	Slot-in Unit	VXA6596						◎
12	Mech. Chassis Unit	VXY1432Z1						●
13	Fan Motor	VRF0216	Replace the Fan Motor at each 10,000 hours *Operation Time*					

Note: Using hours are based on the head rotation hours.

Using hours are recommendation. If may depended on temperature, humidity or dusty.

Using hours are listed as the reference of maintenance. They do not mean guarantee Hours.

Symbol	Maintenance	Remark
●	Replacement	
◎	Replacement	These parts are included in Mech Chassis Unit.
▲	Lubrication	The lubrication is necessary.

1.Maintenance

1-1. Maintenance Parts Chart

No.	NAME	Part Number	Part Using Hours (Unit Hours)					
			2,000	4,000	6,000	8,000	10,000	12,000
1	Cylinder Unit	VEG1502	●	●	●	●	●	◎
2	Cleaning Arm Unit	VXL2924	●▲	●▲	●▲	●▲	●▲	◎
3	Pinch Arm Unit	VXL2835	●	●	●	●	●	◎
4	S Reel Motor Unit	VEM0686		●		●		◎
5	T Reel Motor Unit	VEM0687		●		●		◎
6	Thrust Screw Unit	VXQ0556		●		●		◎
7	S Loading Arm Unit	VXL2812			●			◎
8	T1 Boat UA	VXA6379			●			◎
9	S Post Base UA	VXA6052			●			◎
10	Tension Arm S Unit	VXL2832			●			◎
11	Slot-in Unit	VXA6596						◎
12	Mech. Chassis Unit	VXY1432Z1						●
13	Fan Motor	VRF0216	Replace the Fan Motor at each 10,000 hours *Operation Time*					

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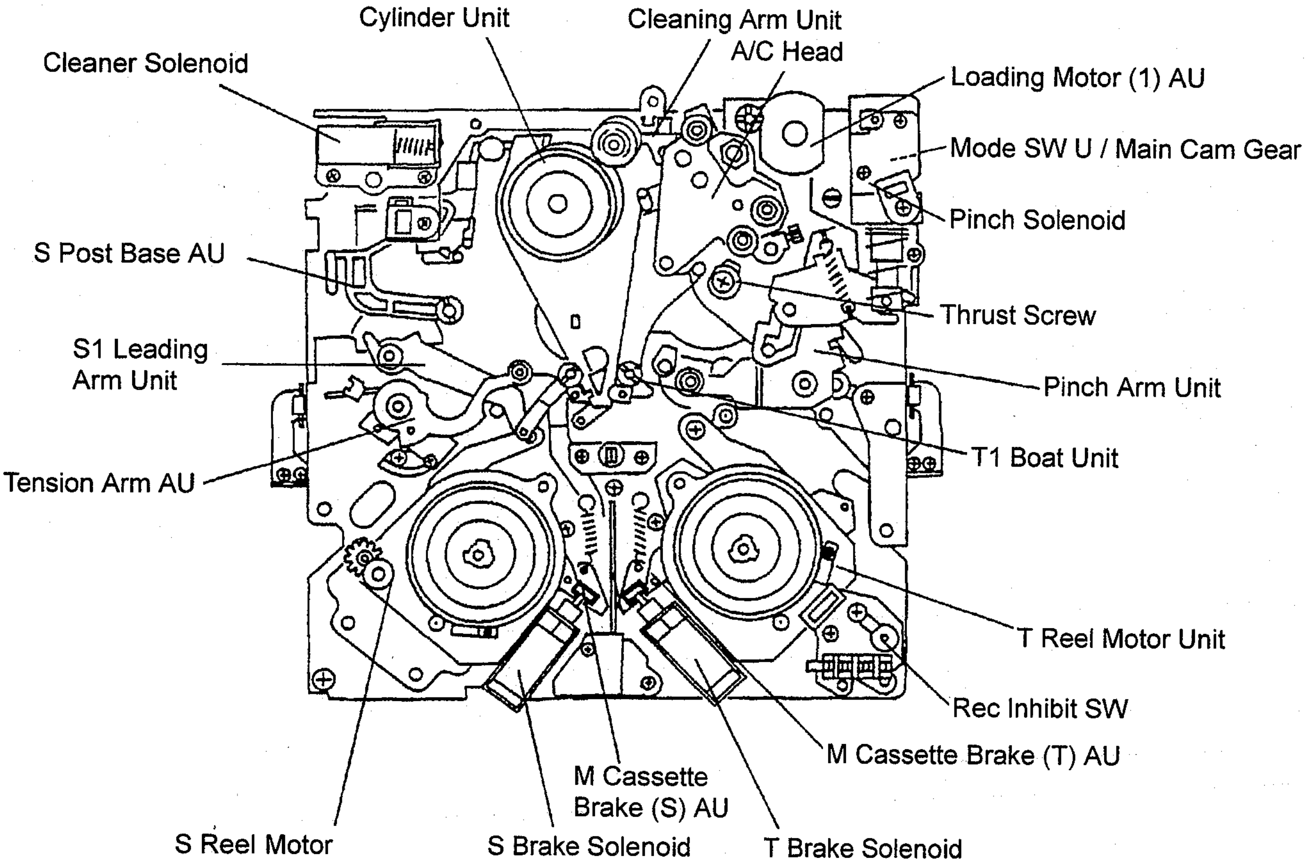
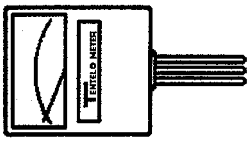
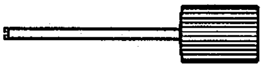
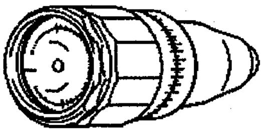
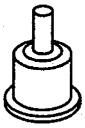
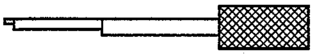
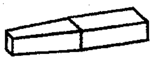
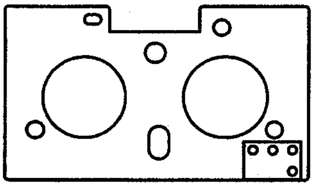
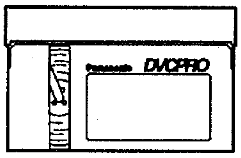
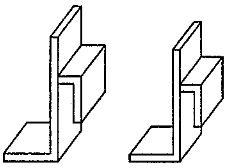
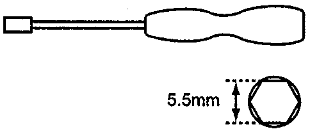
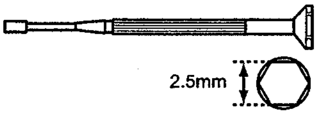
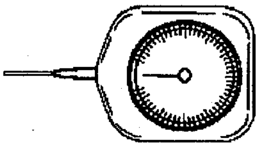
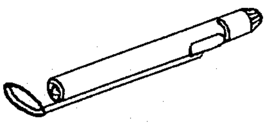
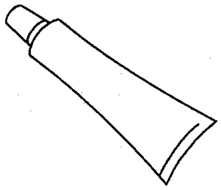
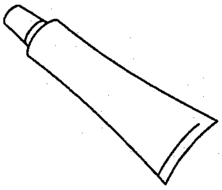
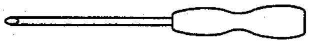
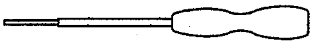
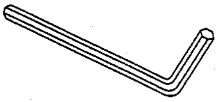
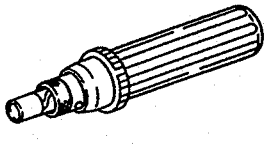
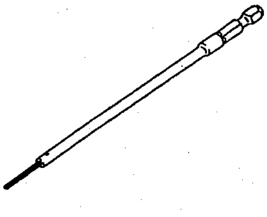
Symbol	Maintenance	Remark
●	Replacement	
◎	Replacement	These parts are included in Mech Chassis Unit.
▲	Lubrication	The lubrication is necessary.

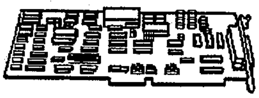
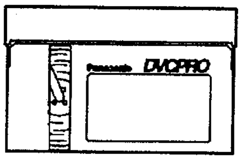
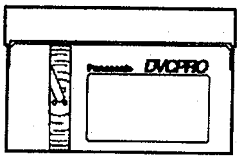
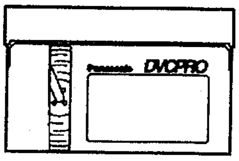
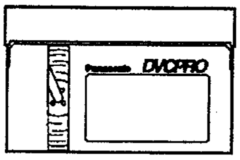
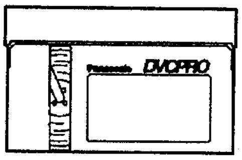
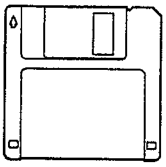
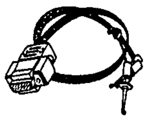
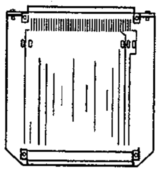
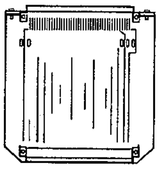
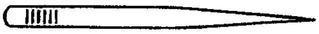
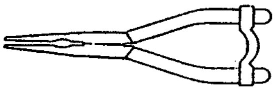
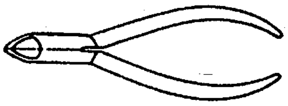
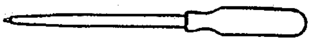
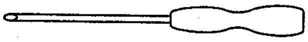
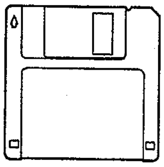
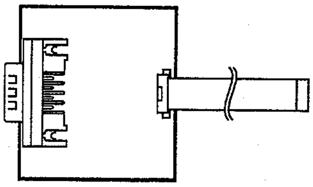
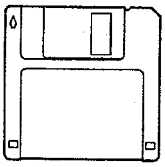
1-2. Parts Location


Cylinder Unit
Cleaning Arm Unit
A/C Head
Cleaner Solenoid
Loading Motor (1) AU
Mode SW U / Main Cam Gear
Pinch Solenoid
S Post Base AU
Thrust Screw
S1 Leading
Arm Unit
Pinch Arm Unit
T1 Boat Unit
Tension Arm AU
T Reel Motor Unit
Rec Inhibit SW
M Cassette Brake (T) AU
M Cassette
Brake (S) AU
S Reel Motor
S Brake Solenoid
T Brake Solenoid

1-3. Service Fixtures & Tools

No.	Part No.	Name	Remark
1	VFK1145	Back Tension Meter (T2-M30-P)	
2	VFK1149	Post Driver	
3	VFK71	Dial Torque Gauge (150g)	
4	VFK1191	Dial Torque Gauge (45g)	
5	VFK1152	Dial Torque Gauge Adapter	
6	VFK0357	Eccentric Screwdriver (1.5)	
7	VFK1154	Post Height Fixture	
8	VFK1153	Mech. Neutral Plate (Post)	
9	VFK1423	Tape Det Sensor Cassette	
10	VFK1155	REV Position Tool (Silver Color)	
11	VFK1156	PLAY Position Tool (Black Color)	
12	VFK1208	Neutral Position Tool (Black with hole)	
13	VFK1150	Nut Driver (5.5mm)	
14	VFK1151	Nut Driver (2.5mm)	
15	VFK1188	Dial Tension Gauge (30g)	
16	VFK0948	Check Light	
17	VFK0749	Froiral Grease (White :for plastic part)	
18	M0R265	Morlytone Grease (Black :for metal part)	
19	VFK1146	Philips Driver (00-75)	
20	VFK1147	Philips Driver (00-100)	
21	VFK1148	Hex. Driver (1.5mm)	
22	VFK1178	Hex. Driver (0.89mm)	
23	VFK1179	Hex. Driver (0.71mm)	
24	VFK1190	Hex. Wrench (1.5mm)	
25	VFK1209	Torque Driver (0.4-3.0kg)	
26	VFK0912	Torque Driver Adapter (1.5mm)	
27	VFK1300	A/D Converter Board (DAQ-12 Quatech)	
28	VFM3580KM or L	DVCPRO Alignment Tape (No.1)	for NTSC
29	VFM3581KM or L	DVCPRO Alignment Tape (No.2)	for NTSC
30	VFM3582KM or L	DVCPRO Alignment Tape (No.3)	for NTSC
31	VFM3583KM	RF Alignment Tape	***NEW! For NTSC***
32	VFM3680KM or L	DVCPRO Alignment Tape (No.1)	for PAL
33	VFM3681KM or L	DVCPRO Alignment Tape (No.2)	for PAL
34	VFM3682KM or L	DVCPRO Alignment Tape (No.3)	for PAL
35	VFM3683KM	RF Alignment Tape	***NEW! For PAL***
36	AJ-CL12MP	Cleaning Tape	Sales Route
37	VFK1481	LISTA Software	***NEW!***
38	VFK1186	LISTA Cable	
39	VFK1357	Extension Board (1)	
40	VFK1498	Extension Board (2)	***NEW!*** (REC PB, V IN)
41	VFK0369	Tweezers	
42	VFK0371	Radio Prier	
43	VFK0372	Cutter Prier	
44	VFK0338	Trimmer Adjustment Driver	
45	VFK0337	Philips Driver	
46	VFK0906	High Quality Oil	
47	VFK1494	RF Adjustment Software	***NEW!***
48	VFK1304	Flash Memory Version Up Tool (including Flexible Wire : VWJ20E5500LO)	
49	VFK1248A	Flash Memory Version Up Software	

1 VFK1145 Back Tension Meter  MODEL:T2-M30-P	2 VFK1149 Post Driver 	3 VFK71 (150g) 4 VFK1191 (45g) Dial Torque Gauge 	5 VFK1152 Torque Gauge Adapter 
6 VFK0357 (ϕ1.5) Eccentric Driver 	7 VFK1154 Post Height Fixture 	8 VFK1153 Mech. Neutral Plate (for Post Height) 	9 VFK1423 Tape Sensor Cassette (M Cassette) 
10 VFK1155 (REV, Silver) 11 VFK1156 (PLAY, Black) 12 VFK1208 (NEUTRAL) (Black with hole)  (Gold) (Black)	13 VFK1150 Nut Driver (5.5mm) 	14 VFK1151 Nut Driver (2.5mm) 	15 VFK1188 (30g) Dial Tension Gauge 
16 VFK0948A Check Light 	17 VFK0749 Froiral Grease (White) (for Plastic Parts) 	18 MOR265 Morlytone Grease (Black) (for Metal Parts) 	19 VFK1146 (00×75) 20 VFK1147 (00×100) Phillips Driver 
21 VFK1148 (1.5mm) 22 VFK1178 (0.89mm) 23 VFK1179 (0.71mm) Hex. Driver 	24 VFK1190 (1.5mm) Hex. Wrench 	25 VFK1209 Torque Driver (0.4~3.0kgf/cm) 	26 VFK0912 or VFK1375 Post Axis Driver (1.5mm) 

27 VFK1300 A/D Converter Board (Quatech DAQ-12) 	28 VFM3580KM or KL 29 VFM3581KM or KL 30 VFM3582KM orKL DVCPRO Alignment Tape (for NTSC)  Panasonic DVCPRO	31 VFM3583KM RF Alignment Tape  Panasonic DVCPRO	32 VFM3680KM or KL 33 VFM3681KM or KL 34 VFM3682KM orKL DVCPRO Alignment Tape (for PAL)  Panasonic DVCPRO
35 VFM3683KM (for PAL) VFM3583KM (for NTSC) RF Alignment Tape  Panasonic DVCPRO	36 AJ-CL12MP Cleaning Tape  Panasonic DVCPRO	37 VFK1481 LISTA Software 38 VFK1186 LISTA Cable  	39 VFK1357 Extension Board (1) 
40 VFK1498 Extension Board (2) 	41 VFK0369 Tweezers 	42 VFK0371 Radio Prier 	43 VFK0372 Cutter Prier 
44 VFK0338 Trimmer Adjustment Driver 	45 VFK0377 Phillips Driver 	46 VFK0906 High Quality Oil (for Thust Screw) 	47 VFK1494 RF Adjustment Software 
48 VFK1304 Flush ROM Version Up Tool 	49 VFK1248A Flush ROM Version Up Software 		

1-4. Alignment Tapes

DCVPRO Alignment Tape

VFM3580KM (NTSC)

Time	Video		PCM		CUE	
(min)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color Bar SMPTE(75%)	Composite Video Level Confirmation	1KHz -20dB	Audio Level Confirmation	1KHz 0VU	CUE level Confirmation
7:00	Color Bar Full Field(75%)	Component Video Level Confirmation				
14:00	H Sweep	Frequency Response			6KHz 0VU	A/C Head Azimuth
18:00	Bowtie (500M)	Y/C Timing				
22:00	Pulse&Bar	Y/C Timing			-10dB, 1KHz 50Hz~15KHz	Frequency Response
26:00 30:00	Area Markers					

VFM3581KM (NTSC)

Time(min)	Signal
0:00~20:00	ITI Pattern

VFM3582KM (NTSC)

Time(min)	Signal
0:00~10:00	X Value

VFM3680KM (PAL)

Time	Video		PCM		CUE	
(min)	Signal	Purpose	Signal	Purpose	Signal	Purpose
0:00	Color Bar 100%	Video Level Confirmation	1KHz -18dB	Audio Level Confirmation	1KHz Reference level	CUE level Confirmation
10:00	H Sweep	Frequency Response				
14:00	Area Markers				6KHz Reference level	A/C Head Azimuth
18:00	Bowtie (500K)	Y/C Timing				
22:00	Pulse&Bar	Y/C Timing			1KHz 300H~6KHz	Frequency Response
26:00 30:00	Multi Pulse	Y/C Timing				

VFM3681KM (PAL)

Time(min)	Signal
0:00~20:00	ITI Pattern

VFM3682KM (PAL)

Time(min)	Signal
0:00~10:00	X Value

1-5. Recommended Test and Service Equipment

NTSC

Part No.	Name	Remark
TSG130A(OP.04)	Analog component Signal Generator	TEKTRONIX
	Oscilloscope	
1750.1760(OP.SC) or 1780R	WFM Monitor	TEKTRONIX
	Digital Volt Meter	
	Frequency Counter	
	VTVM	Frequency Band Width 4Hz-500KHz
	Audio Analyzer	

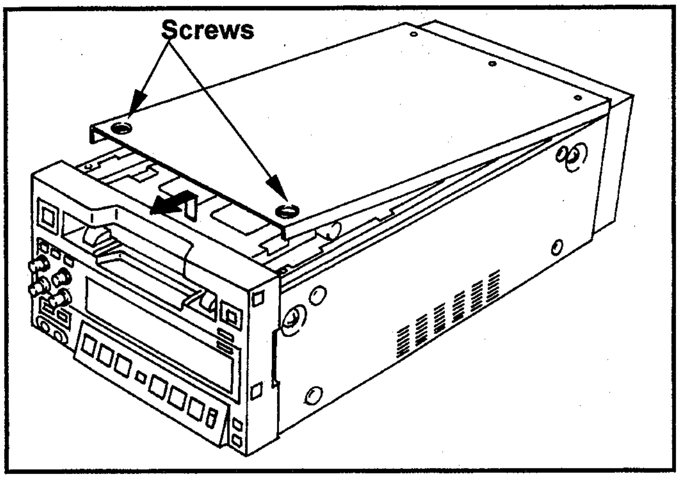
PAL

Part No.	Name	Remark
TSG131A(OP.04)	Analog component Signal Generator	TEKTRONIX
	Oscilloscope	
1751.1761(OP.SC) or 1781R	WFM Monitor	TEKTRONIX
	Digital Volt Meter	
	Frequency Counter	
	VTVM	Frequency Band Width 4Hz-500KHz
	Audio Analyzer	

2. Disassembly Procedures

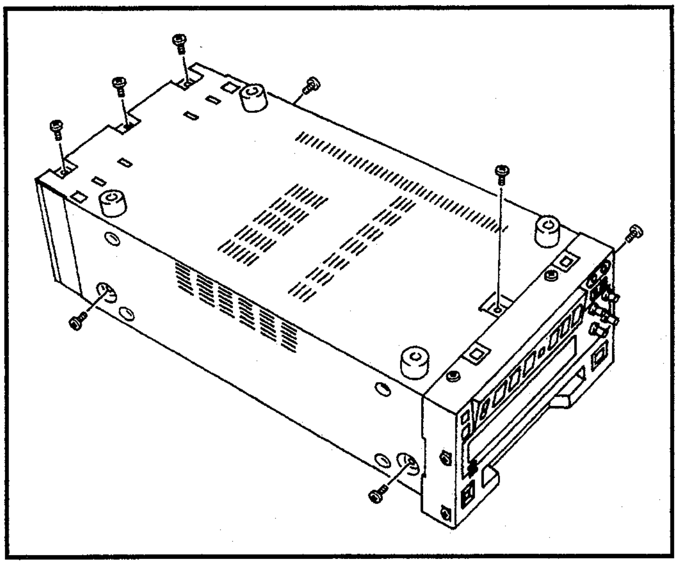
2-1. Removal of the Top Cover

1. Loose 2 screws on the Top Cover.
2. Slightly lift the top cover and slide it over the Front Panel.



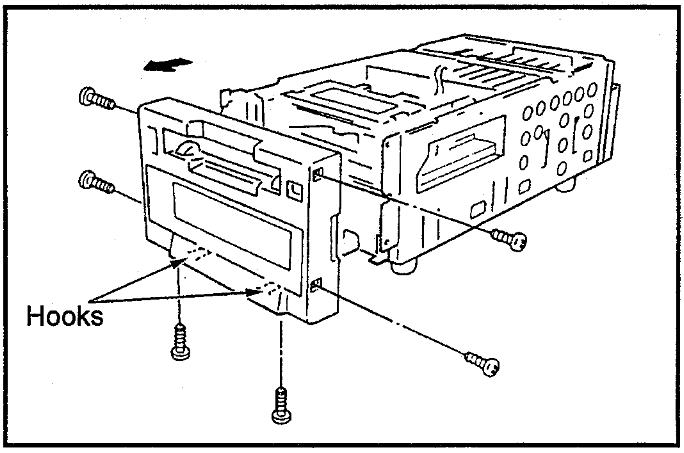
2-2. Removal of the Bottom Cover

1. Remove 2 screws from the left side and 2 screws from the right side.
2. Remove 4 screws from the bottom side and remove the Bottom Cover.



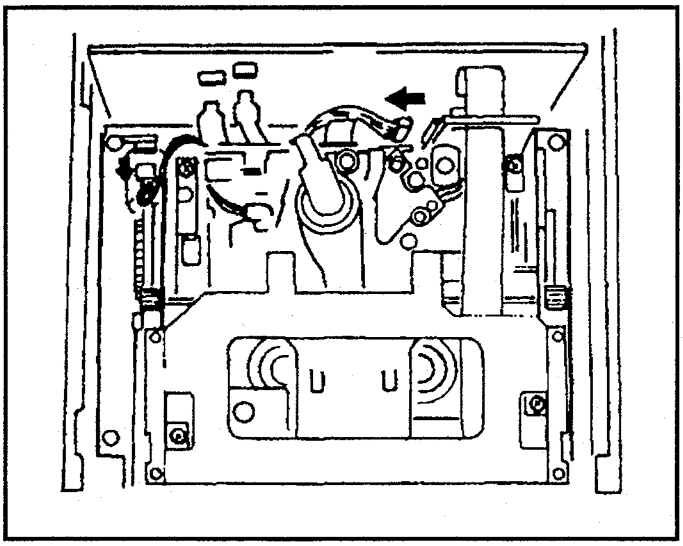
2-3. Removal of the Front Panel

1. Remove 2 screws from the left side of the Front Panel and then 2 screws from the right side.
2. Remove 2 screws from the bottom of the panel. Remove 2 hooks.
3. Slide the Front Panel toward you and disconnect the flat cable. Remove the panel.

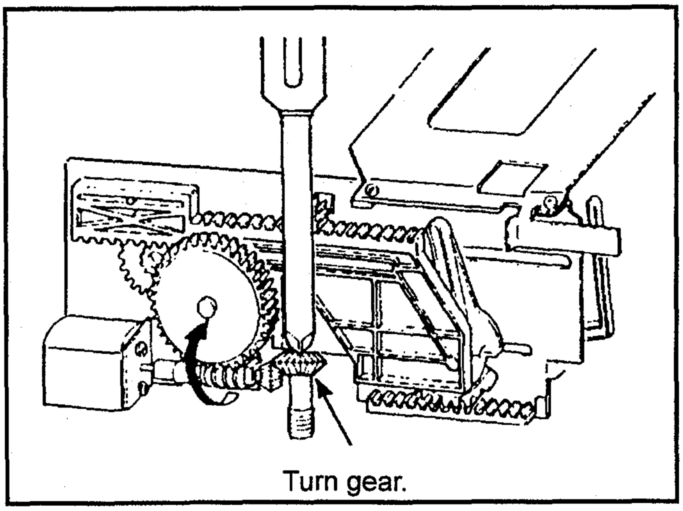


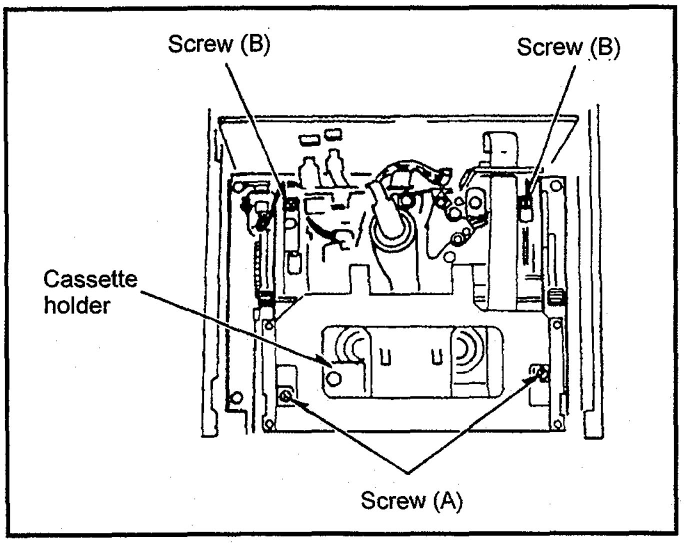
2-4. Removal of the Front Loading Unit

1. Disconnect a connector at the front loading motor part and the interconnection board.



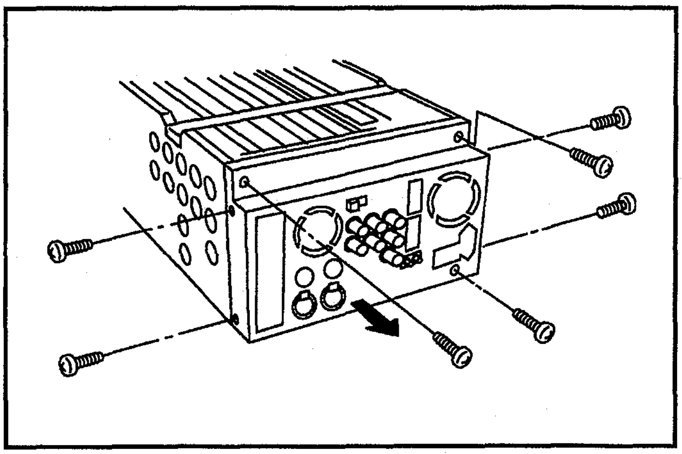
1. Using a Phillips Screwdriver, turn the red plastic screw engaged with the warm gear of the cassette down motor counterclockwise to move the cassette holder until 2 screws (A) are exposed.
2. Remove 2 screws (A) and 2 screws (B) securing the front loading unit to the chassis.





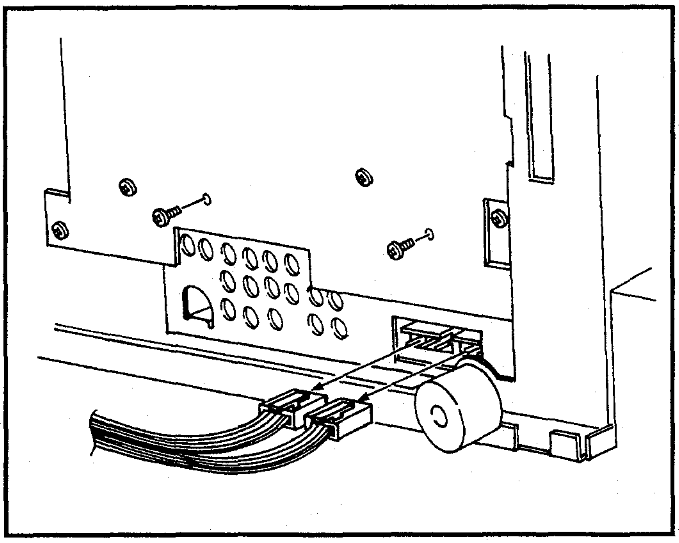
2-5. Removal of the Rear Jack Plate

1. Remove 7 screws securing the rear jack plate.
2. Slide the rear jack plate toward you and then disconnect 3 flat cables.

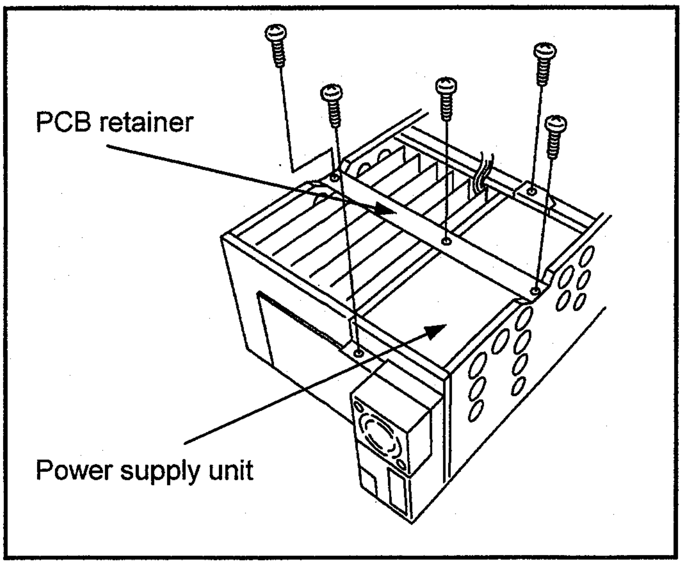


2-6. Removal of the Power Supply Unit

1. Disconnect 2 Power Supply Unit connectors from the back of the recorder.
2. Remove 2 screws from the MOTHER P.C.Board.

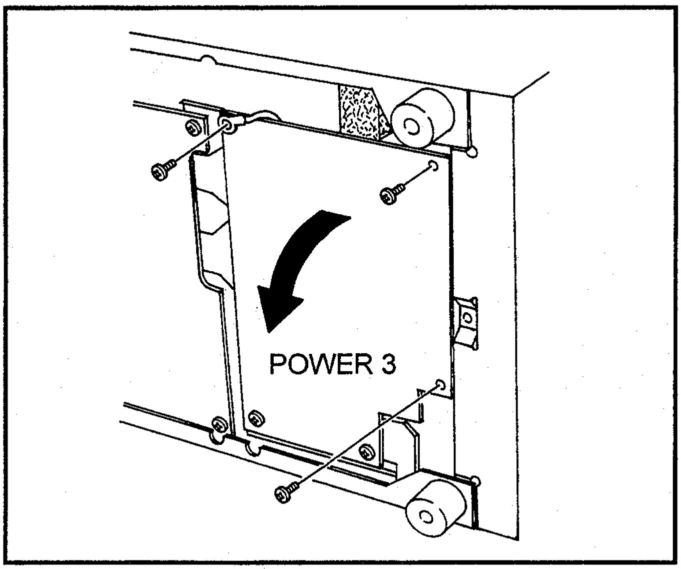


3. Remove 3 screws securing the PCB retainer and remove the retainer on the front side of the unit.
4. Remove 2 screws securing the Power Supply Unit and remove it.

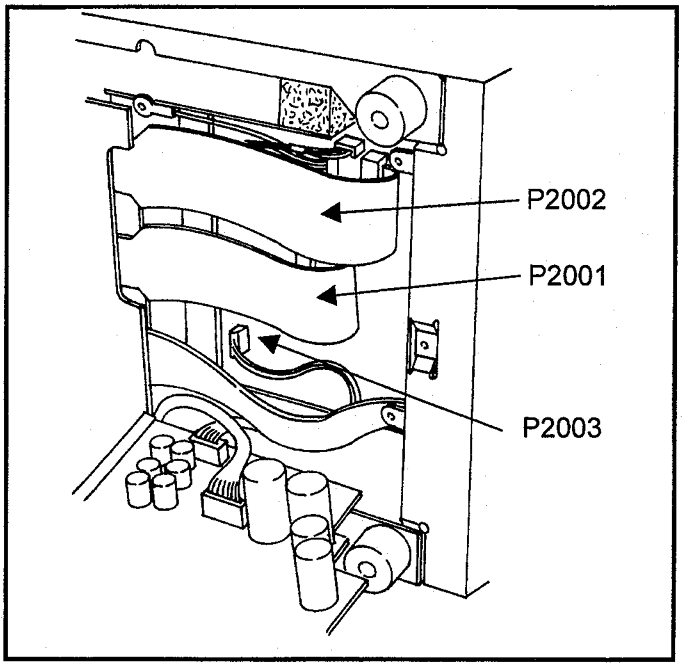

PCB retainer
Power supply unit

2-7. Removal of the Mechanical Unit

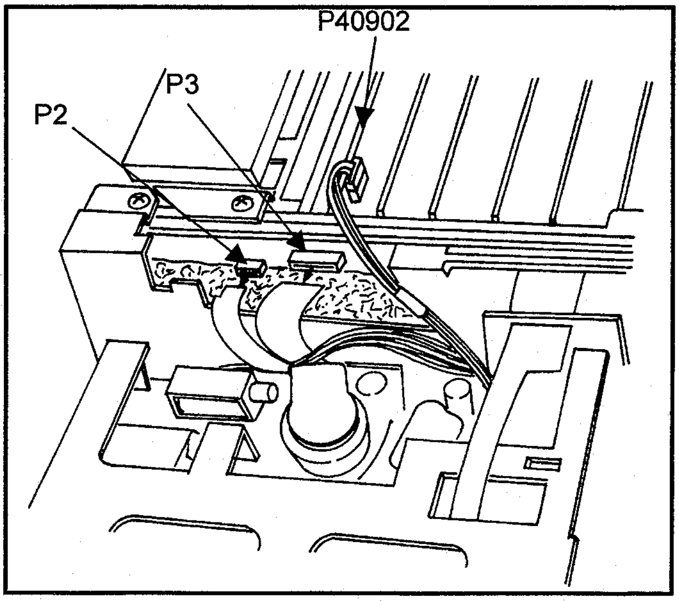
1. Remove 3 screws from the POWER 3 P.C.Board on the bottom side of the unit. Tilt the P.C.Board the P.C.Board toward you.



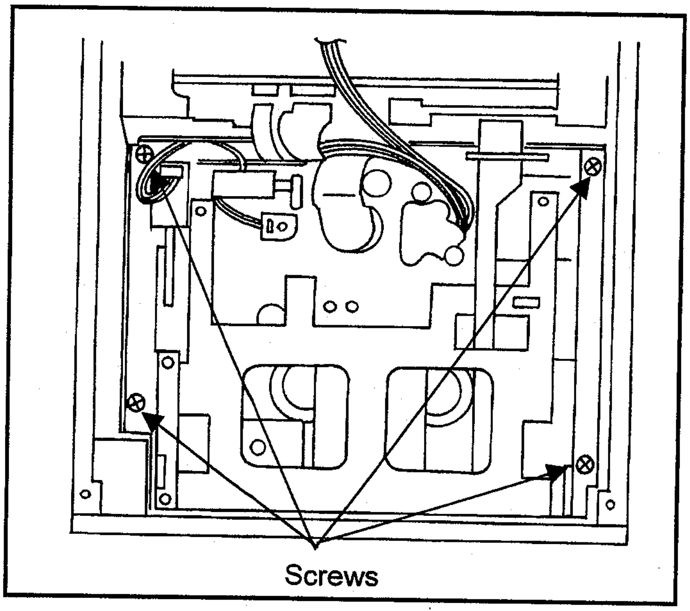
2. Disconnect flat cables P2001 and 2002 and connector P2003.


P2002
P2001
P2003

3. On the top of the unit, remove flat cables P2 and P3 (RF AMP board) and connector P40902 (AUDIO P.C.Board).

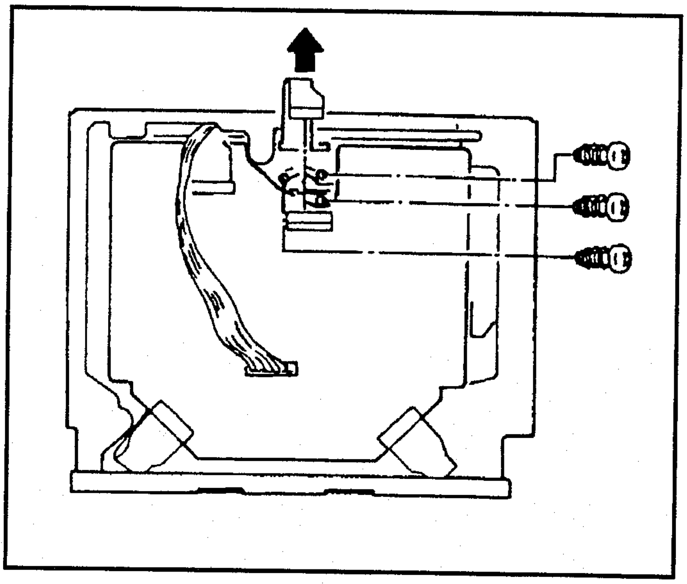

P40902
P3
P2

4. Remove 4 screws and then mechanical unit.

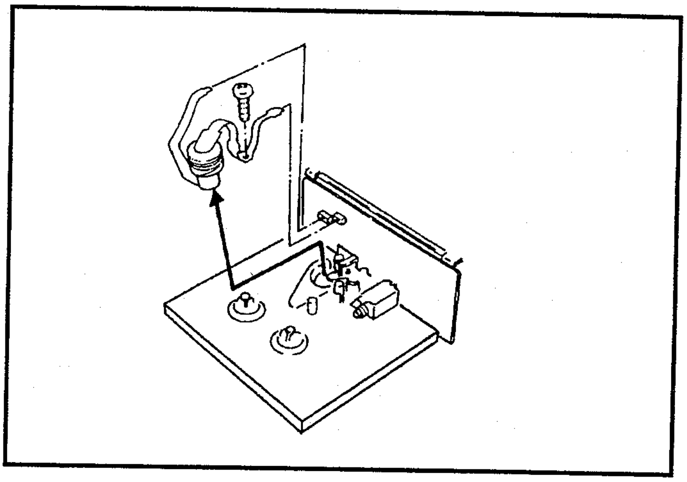


2-8. Removal of the Cylinder Unit

1. On the backside of the mechanical unit, disconnect the flexible cable connector from the SERVO P.C.Board. Remove 3 screws securing the cylinder unit.

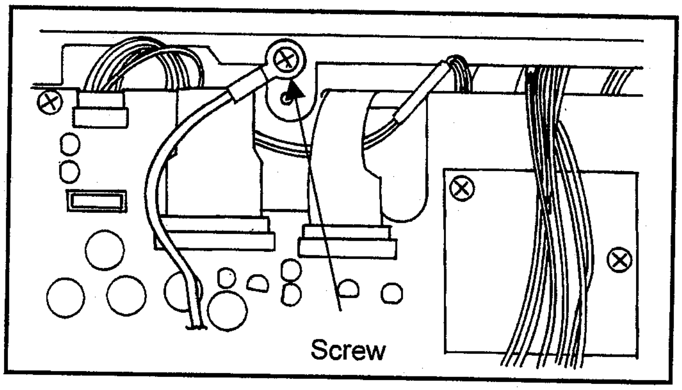


2. Remove the screw retaining the flexible cable. Remove the cylinder unit without touching it with adjacent components.

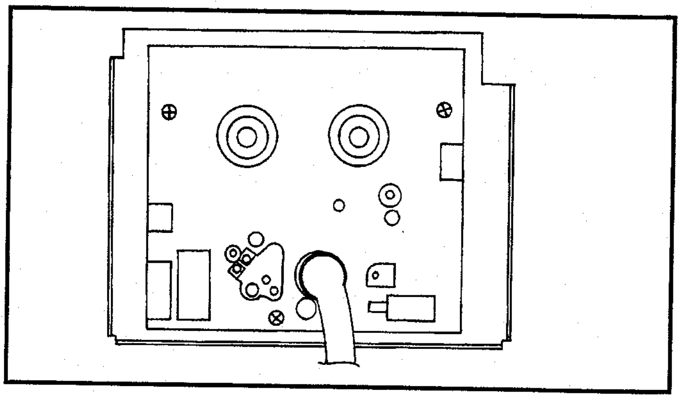


2-9. Replacing of the Mechanical Unit

1. Remove the screw shown below from the backside of the mechanical unit.



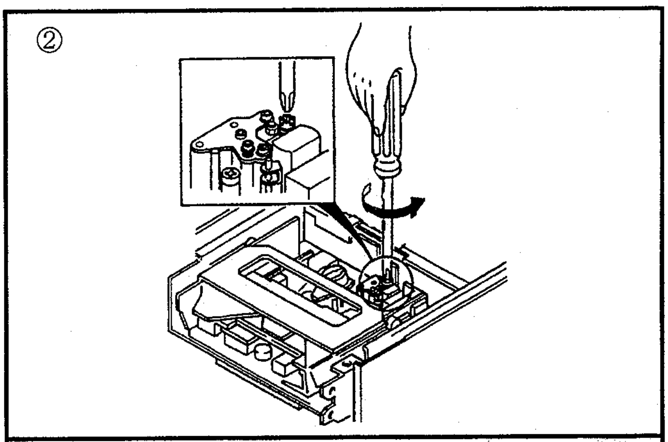
2. Remove 3 screws from the front side. Remove the frame from the mechanical unit. Attach the new mechanical unit in place.



3. Install the mechanical unit on the deck, following the removal steps in reverse.

3. Manual Tape Eject

When a tape can not be ejected, because of Power failure or mechanical tape damage, remove the tape manually.

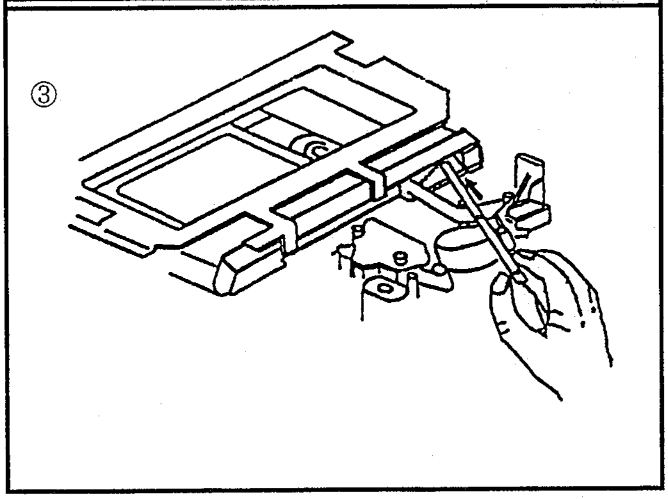


1. Turns power off and remove the top Case Unit.
2. Rotate the red plastic screw by a Phillips - head screwdriver counterclockwise pushing the screw. It needs to rotate about 30 times rotation until starting to move.
3. Since tape slack will develop when the post is unloaded, wind up the supply reel to take up the slack.

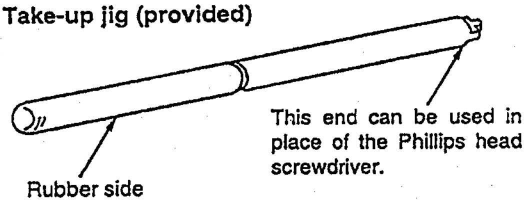
   How to take up the slack (see ③)

   a. Insert the rubber side of the take-up jig into the cassette tape withdrawal opening on the VTR's mechanism side.

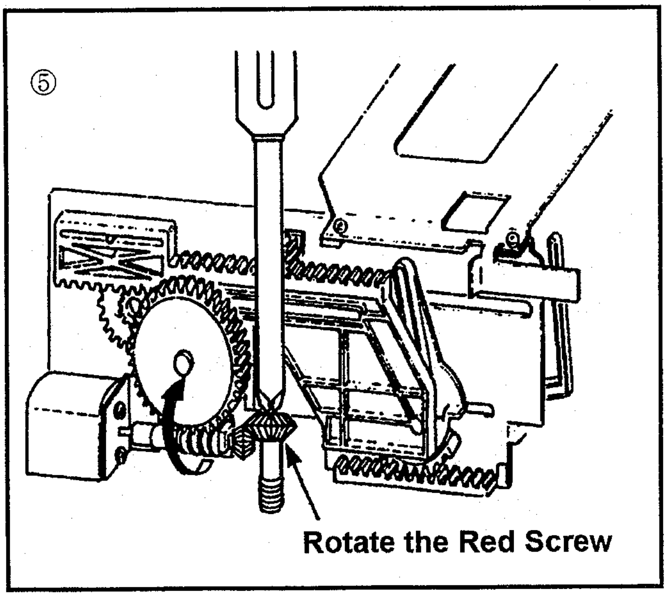
   b. Turn the flange part of the supply reel in the direction of take-up to take up the tape slack. (Take care not to damage the tape in the process.)



Take-up jig (provided)


This end can be used in place of the Phillips head screwdriver.
Rubber side

4. Repeat item 2 and 3 until the tape in wound Completely inside of the cassette.
5. When the tape is completely inside of the cassette, rotate the red screw in front of the worm gear of the cassette down motor clockwise by a Philips-head screwdriver pusing the screw and remove the cassette cover does not bite the tape when the cover is closed.



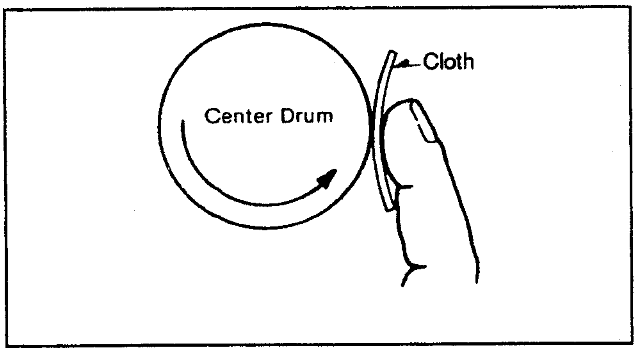
4. Cleaning Procedures

Note: Turns power off during cleaning.

Make sure the power is OFF before cleaning. Use ethanol(more than 99% purity) as cleaning liquid.

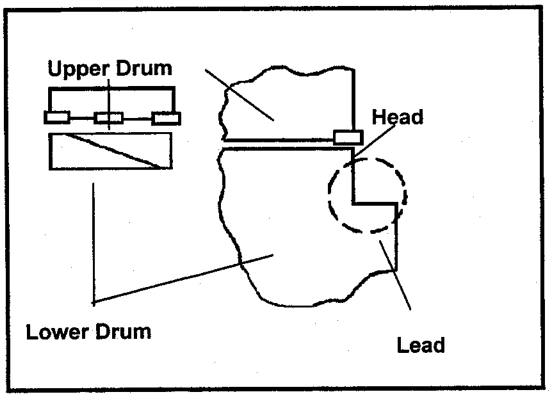
4-1 Cleaning of Head Chips: (Daily)

Clean heads by applying even pressure and rotating cylinder a few times. Never wipe in up and down motion. Never touch a cylinder by naked hand. First wipe with a cloth soaked by cleaning liquid. Then wipe with dry cloth.



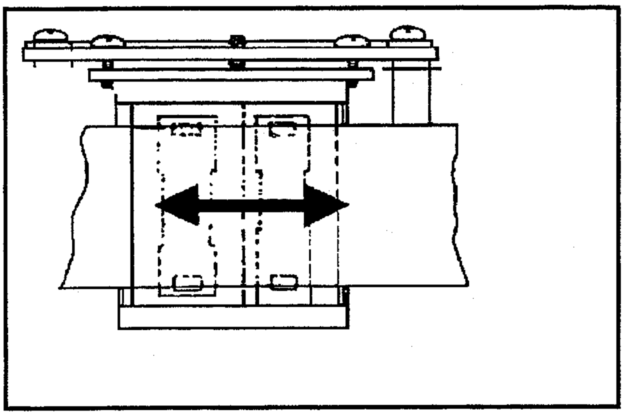
4-2. Cleaning of Drum Lead: (Weekly)

Be careful not to touch a head chip. Clean the drum lead with a pick.



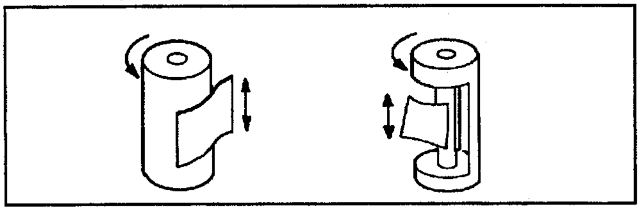
4-3. Cleaning of A/C Head: (Weekly)

Wipe the A/C head with a cloth soaked by cleaning liquid. Wipe again with a dry cloth.



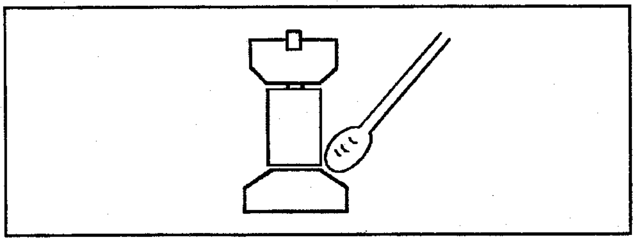
4-4. Cleaning of Pinch Roller and Capstan: (Weekly)

Wipe the Pinch Roller and Capstan with a cloth soaked by cleaning liquid.



4-5. Cleaning of Post :(Weekly)

Wind a cloth on a pick. Wipe each post dry with that pick . Wipe again with a dry cloth. For metal posts wipe with cleaning liquid. Then wipe dry again.



Note:

Use the clean cloth for cleaning purpose. Do not use any dirty cloth.

The Cleaning Cloth can be ordered as spare part. The part number indicated as below.

CLEANING CLOTH : VZZ0095

SECTION 4

ELECTRICAL ADJUSTMENT

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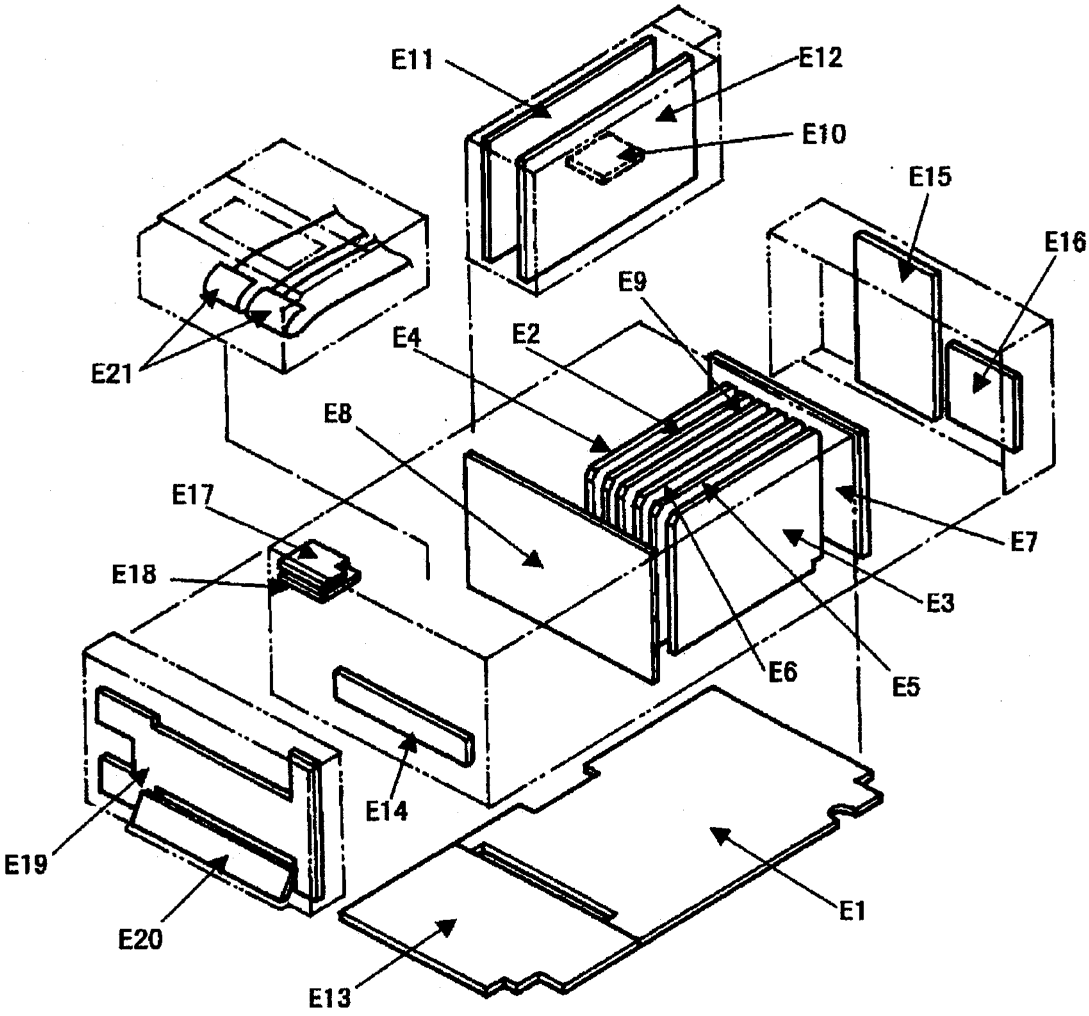
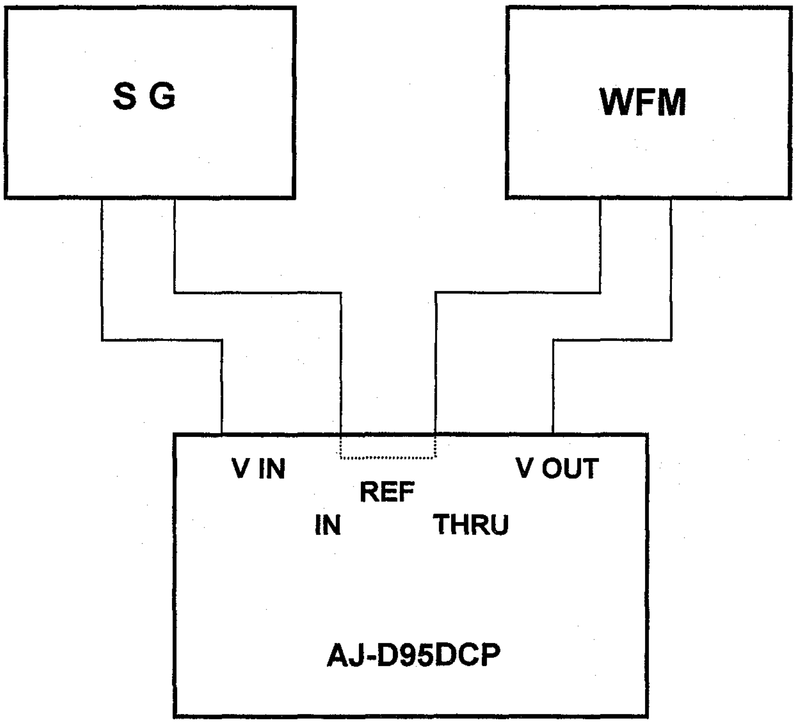
Circuit Board Layout


E11
E12
E10
E15
E16
E9
E4
E2
E21
E8
E17
E18
E7
E3
E6
E5
E14
E19
E1
E20
E13

E1	MOTHER P.C.BOARD	**E12**	POWER 2 P.C.BOARD
E2	VIDEO I/O P.C.BOARD	**E13**	POWER 3 P.C.BOARD
E3	REC PB P.C.BOARD	**E14**	FRONT CONNECT P.C.BOARD
E4	AUDIO P.C.BOARD	**E15**	REAR JACK P.C.BOARD
E5	V IN P.C.BOARD	**E16**	AUDIO JACK P.C.BOARD
E6	V OUT P.C.BOARD	**E17**	REC VR P.C.BOARD
E7	AV I/O P.C.BOARD	**E18**	PB VR P.C.BOARD
E8	RF AMP P.C.BOARD	**E19**	FRONT P.C.BOARD
E9	AV SYSCON P.C.BOARD	**E20**	KEY P.C.BOARD
E10	POWER CONNECT P.C.BOARD	**E21**	FFC U P.C.BOARD
E11	POWER 1 P.C.BOARD		

Preparation


S G
WFM
V IN
REF
IN
THRU
V OUT
AJ-D95DCP

4-1. POWER P.C.Board

4-1-1. Power Supply Circuit (1)

Board	POWER 1		
Item	Test Point	Adjust	Specification
Oscillating freq.	TP3	VR1	204 ± 4KHz
+ 5V Adj.	TP1	VR2	+5.15 ± 0.05V
+ 5.6V Adj.	TP2	VR3	+5.7 ± 0.1V
-26V Adj.	P1802 (pin 3)	-----	-26.5 ± 2.0V
+ 3V Check	P1802 (pin 6)	-----	+3.3 ± 0.1V
+ 6V Check	P1802 (pin 7)	-----	+6.0 ± 0.3V
+ 9V Check	P1802 (pin 9)	-----	+8.5 ± 1.0V
- 6V Check	P1802 (pin 8)	-----	-6.0 ± 0.3V

GND reference: TG1

4-1-2. Power Supply Circuit (2)

Board	POWER 2		
Item	Test Point	Adjust	Specification
Oscillating freq.	TP605	VR601	204 ± 4KHz
+3.3V Check	TP602	VR604	+ 3.4 ± 0.05V
+5V Check	TP601	VR603	+ 5.15 ± 0.05V
+5.6V Check	TP701	VR703	+ 5.70 ± 0.10V
+9V Check	TP603	VR602	+ 9.1 ± 0.1V
-5.6V Check	TP702	VR704	- 5.7 ± 0.1V

GND reference: TG604

4-1-3. Power Supply Circuit (3)

Board	POWER 3		
Item	Test Point	Adjust	Specification
+5V Check	TP502	VR902	+ 5.15 ± 0.05V
+5.6V Check	TP501	VR903	+ 5.70 ± 0.10V

GND reference: TG604

4-2. AV SYS P.C.Board

4-2-1. DIP SW Setting

Set the SWs on the AV SYS Board as shown below.

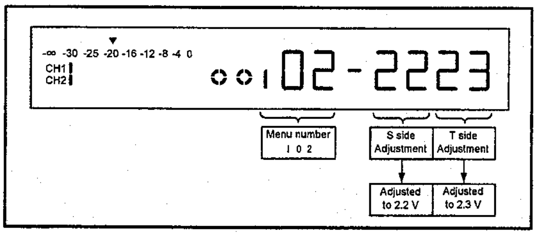
	1	2	3	4
SW60801	ON	ON	ON	OFF
SW60802	OFF	OFF	OFF	OFF

4-2-2. Photo Sensor Voltage Adjustment

BOARD	AV SYS
SPEC.	2.2 ± 0.6V
TEST	VIDEO OUT (super) or display tube
ADJUST	VR1101 : T-PHOTO VR1102 : S-PHOTO
MODE	Service menu
TAPE	Tape Sensor Cassetle (VFK1369 or VFK1423)
M.EQ	-----

1. Open the Service Menu and select I00: SYSTEM ADJUST → I02: S-PHOTO/T-PHOTO. Press SEARCH (MODE) button.
2. Insert the Tape Sensor Cassetle (VFK1369 or VFK1423).
3. The VIDEO MONI OUT and the Front Display Tube show the adjustment value as shown below.
4. Adjust VR1102 (S-PHOTO) and VR1101 (T-PHOTO) for the specified values.
5. When the specified values are obtained, press REC (SET) button to enter the values. The cassette tape is automatically ejected.

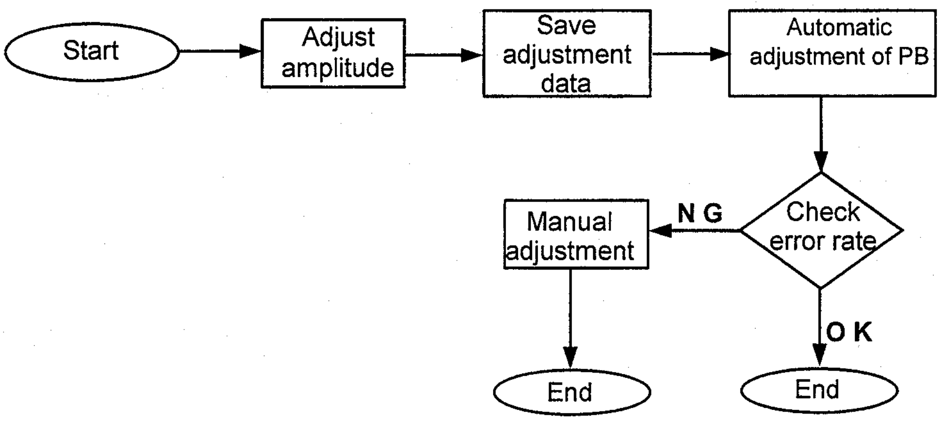
Display Tube (example of readings)


-∞ -30 -25 -20 -16 -12 -8 -4 0
CH1
CH2
I02-2223
Menu number I 0 2
S side Adjustment
T side Adjustment
Adjusted to 2.2 V
Adjusted to 2.3 V

SUPER

```
* I02 : S PHOTO    -  2.2V
        T PHOTO    -  2.3V
```

4-3. RF ADJUSTMENT


Start
Adjust amplitude
Save adjustment data
Automatic adjustment of PB
Check error rate
N G
Manual adjustment
O K
End
End

4-3-1. Amplitude Adjustment

BOARD	RF AMP
SPEC.	2.0 ± 0.1V
TEST	TP402, TP502 (Common to all adjustments)
ADJUST	Service menu: B00-E00 (see table below)
MODE	PLAY
TEST TOOL	---
M.EQ	Oscilloscope, Monitor TV

Perform the adjustment in each service menu option to obtain the voltage at the test point.

Mode	Item	Option	Test point	Save data
50M/PB	L1	B03: PB MAG L1	TP402 HSW: TP905	Following option R2, select B41 and press SET. Press SET with DEFAULT SAVE.
	L2	B04: PB MAG L2		
	R1	B22: PB MAG R1	TP502 HSW: TP906	
	R2	B23: PB MAG R2		
50M/RP	L1	C03: RP MAG L1	TP402 HSW: TP903	Following option R2, select C41 and press SET. Press SET with DEFAULT SAVE.
	L2	C04: RP MAG L2		
	R1	C22: RP MAG R1	TP502 HSW: TP904	
	R2	C23: RP MAG R2		
25M/PB	L1	E03: PB MAG L1	TP402 HSW: TP905	Following option R2, select E40 and press SET. Press SET with DEFAULT SAVE.
	L2	E04: PB MAG L2		
	R1	E22: PB MAG R1	TP502 HSW: TP906	
	R2	E23: PB MAG R2		
25M/RP	L1	F03: RP MAG L1	TP402 HSW: TP903	Following option R2, select F40 and press SET. Press SET with DEFAULT SAVE.
	L2	F04: RP MAG L2		
	R1	F22: RP MAG R1	TP502 HSW: TP904	
	R2	F23: RP MAG R2		

4-3-2. Automatic Adjustment

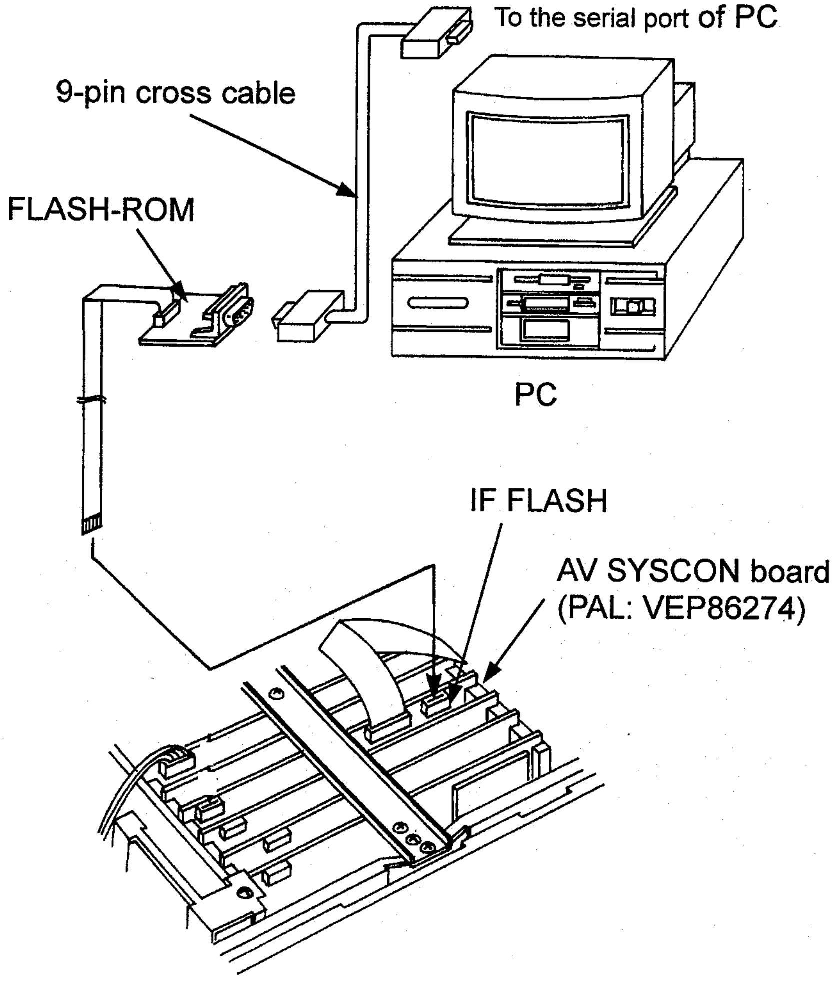
<Preparation>
Make sure that the execution files K1AEQ and ADJDATA of the RF AUTO EQ software VFK1494 are installed on the PC.

- The following description assumes that the folder "D95" has been created to store the RF AUTO EQ software. (Copy the files contained in FD to C:/Soft /D95.)

Connection the AJ-D94E and PC

- Requirement
  - PC (PC / AT compatible, MS-DOS later than 6.3 Windows 3.1 or 95)
  - RS232C Cross Cable (9pin-9pin)
  - Flash ROM Writer Tool (VFK)
- Connection

1. Main power off to unit.
2. Remove the Top Cover.
3. Connect the flexible cable of the Flash ROM Writer Tool to IF FLASH connector on the AVSYSCON C.B.A.
4. Connect the RS232C cable to 9pin connector on the Flash ROM Writer Tool and serial port (COM1) of the PC.
5. Set DIP SW1 Bit 1 to 4 of the Flash ROM Writer Tool to OFF and then turn on the unit.


To the serial port of PC
9-pin cross cable
FLASH-ROM
PC
IF FLASH
AV SYSCON board
(PAL: VEP86274)

4-3-2-1. Saving Existing Adjustment Data

It is recommended that the existing adjustment data should be download to the PC before adjustment is started.

- The following description assumes that the folder D95 has been created to store the automatic adjustment software. (Copy the files contained in FD to C: /Soft /D95.)

(Saving existing data)

Starting in the Windows environment

1) Select Start on the task bar, and then Programs. Click MS-DOS prompt to open the DOS window.
2) Go to the directory under which the automatic adjustment program is stored.
   (Example: CD C: /D95, press Return).
3) Type adjdata -r (insert a space before -r) and then press Enter. Adjustment data RF, VIDEO and SERVO are saved as a file ADJ.DAT.
4) The file name is always ADJ.DAT.

4-3-2-2. Automatic Adjustment

- The following description assumes that the folder D95 has been created to store the automatic adjustment software. (Copy the files contained in FD to C: /Soft /D95.)

BOARD	RF AMP
SPEC.	PB:-4.3 or below, RP: -3.3 or below
TEST	---
ADJUST	---
INPUT	---
MODE	Automatic setting
TEST TOOL	Auto EQ Alignment tape (VFM3683KM: PAL)
M.EQ	PC

Starting in the Windows environment

1) Select Start on the task bar, and then Programs. Click MS-DOS prompt to open the DOS window.
2) Go to the directory under which the automatic adjustment program is stored. (Example: CD C:/D95, press Return).
3) Type “k1aeq” and press Enter. This enters playback and recording automatic adjustment mode.
4) The monitor screen displays "Is serial-No. ok?" ->. Where, the serial-No. is the serial number read. If this number is correct, press Return. If not, enter the correct serial number.
5) When "Insert AUTO-EQ Alignment Tape" is displayed, insert the DVCPRO RF AUTO EQ Alignment tape VFM3683KM (PAL).
6) Wait until the cassette is ejected.

Display during adjustment (check the displayed serial No.)

```
C:¥soft¥D95>
/AutoEqMain Is serial-No. J8TDA0063 ok ? ->
/CasSense-Insert AUTO-EQ Aligment Tape_
```

Display at the end of adjustment (error rate)

```
RF auto adjust complete. error-rate was,
                                  L1-V  R1-V  L1-A  R1-A  L2-V  R2-V  L2-A  R2-A
 25M PB-Head(master tape)  -> -5. 13,-4. 75,-6. 20,-6. 20,-6. 20,-5. 21,-6. 20,-6. 20,
 25M R/P-Head(master tape)-> -6. 20,-4. 99,-6. 20,-6. 20,-6. 20,-4. 25,-6. 20,-5. 27,
 25M PB-Head(normal tape)  -> -5. 97,-5. 94,-6. 20,-6. 20,-6. 12,-6. 13,-6. 20,-6. 20,
 25M R/P-Head(normal tape)-> -6. 20,-6. 03,-6. 20,-6. 20,-6. 02,-5. 55,-6. 20,-6. 20,
 50M PB-Head(master tape)  -> -4. 57,-5. 35,-5. 32,-6. 20,-5. 87,-4. 83,-6. 20,-6. 20,
 50M R/P-Head(master tape)-> -5. 30,-4. 85,-6. 20,-6. 20,-6. 20,-5. 16,-6. 20,-6. 20,
 50M PB-Head(normal tape)  -> -4. 41,-5. 12,-4. 16,-4. 49,-5. 90,-5. 32,-6. 20,-5. 89,
 50M R/P-Head(normal tape)-> -5. 10,-4. 19,-4. 77,-3. 96,-5. 64,-5. 17,-6. 20,-5. 72,

C:¥soft¥D95>
```

* Selecting adjustment option

Entering k1aeq starts AUTO EQ adjustment of all items of 25M and 50M. Specific options can be selected by following the steps shown below.

◊ To adjust all - envelope, playback and recording
k1aeq -2: 25M all - envelope, playback and recording
k1aeq -5: 50M all - envelope, playback and recording
◊ To adjust only playback and recording
k1aeq -e
k1aeq -2e
k1aeq -5e
◊ Without recording adj.
k1aeq -p
k1aeq -2p
k1aeq -5p
◊ To adjust only recording. (AJ-D95DCE only)
k1aeq -r
k1aeq -2r
k1aeq -5r

Designation of option
-p : adjust only playback system
-e : adjust except for envelope
-5 : adjust 50M
-r : adjust only recording system
-2 : adjust 25M
-h : display help

4-3-2-3. Manual Adjustment (PB EQ)

If the result of automatic adjustment is not satisfactory, perform the following manual adjustments.

Error rate display

Display the error rate on the audio meter on the front panel:

(Service Mode → AVSYS board SW802-2 is set at ON.)

- This sets the audio level meter to display the error rate.

(Normal mode → service menu not use)

- With REC INHIBIT switch set at ON, pressing the SEARCH (MODE) and INPUT_SELECT buttons simultaneously to the audio meter displays the error rate.
- To abort the error rate display, press RESET button.

Display Modes and Displays

Item	CH1 display	CH2 display	Display tube
Video L1/L2	Off	Off	Video L
Video R1/R2	On	On	Video R
Audio L1/L2	On	Off	Audio L
Audio R1/R2	Off	On	Audio R
• Pressing COUNTER button scrolls the options of modes. • The display tube displays value for 3 seconds after mode change.			

Note: Adjustment is done in VITERBI mode (for each option shown below).

<1>Perform manual adjustment only if the automatic adjustment fails.

<2>See the table below.

<3>Note down the adjustment values before starting adjustment. Change adjustment value of each item. Adjust for the minimum error rate. If the result is unsatisfactory, restore the original value.

<4>When the value is changed, move to menu DEFAULT. Press SET at DEFAULT SAVE to save the data.

Item		Adjust	Save data
50M/ PB	L-CH	B05: PB PLLSLICEL ~ B19: PB PLLSLICEL (B16: excl. VITERBI)	B41 DEFAULT
	R-CH	B24: PB PLLSLICER ~ B38: PB PLLSLICER (B35: excl. VITERBI)	
50M/ RP	L-CH	C05: PB PLLSLICEL ~ C19: PB PLLSLICEL (C16: excl. VITERBI)	C41 DEFAULT
	R-CH	C24: PB PLLSLICER ~ C38: PB PLLSLICER (C35: excl. VITERBI)	
25M/ PB	L-CH	E05: PB PLLSLICEL ~ E19: PB PLLSLICEL (D16: excl. VITERBI)	E40 DEFAULT
	R-CH	E24: PB PLLSLICER ~ E38: PB PLLSLICER (D35: excl. VITERBI)	
25M/ RP	L-CH	F05: PB PLLSLICEL ~ F19: PB PLLSLICEL (E16: excl. VITERBI)	F40 DEFAULT
	R-CH	F24: PB PLLSLICER ~ F38: PB PLLSLICER (E35: excl. VITERBI)	

4-4. VIDEO I/O P.C.Board

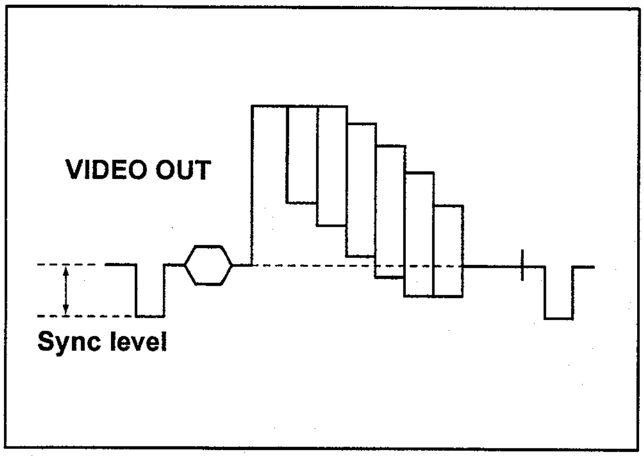
4-4-1. Setting Considerations

1. Set system menu options VIDEO LEVEL, SET, SET UP, HUE and CHROMA LEVEL to zero.
2. At least 10-minute aging before adjustment.
3. Before adjusting, reset the VTR to defaults.
4. Setting OPERATION menu.
   112: CAP LOCK 2F→8F
5. When an extended board has been used, and at that time, if adjustment value is change, readjust it by Service Menu (EVR).

4-4-2. Sync Level Adjustment

BOARD	VIDEO I/O
SPEC.	0.3V ± 0.003V
TEST	VIDEO / Y OUT
ADJUST	VR5 (SYNC LEV)
MODE	EJECT
TAPE	------
M.EQ	WFM

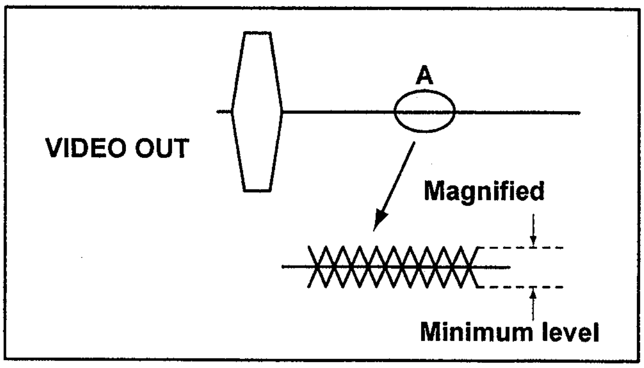
1. Observing Y signal in the output video, adjust VR5 so that the sync level is within the specification.



4-4-3. Carrier Balance Adjustment

BOARD	VIDEO I/O
SPEC.	Less than 6mVp-p
TEST	VIDEO / Y OUT
ADJUST	VR109 (PB BAL), VR108 (PR BAL)
TAPE	VFM3680KM (2T pulse & bar)
MODE	PLAY
M.EQ	WFM

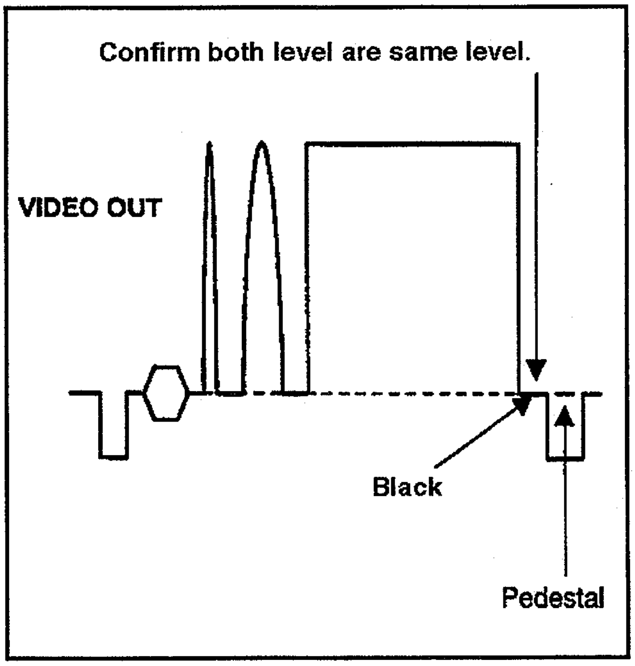
1. Playback color bar portion the alignment tape.
2. Set the WFM monitor to single line sweep mode, turn chroma filter on, and set the gain to max.
3. Adjust the monitor to display details of portion A shown in the figure below. Adjust VR109 and VR108 to reduce the level of A as minimize as possible.



4-4-4. Composite Black Level Adjustment

BOARD	VIDEO I/O
SPEC.	Black Level = Pedestal Level (≦± 5mV)
TEST	VIDEO / Y OUT
ADJUST	Service Menu H04 or VR4
TAPE	VFM3680KM (2T pulse & bar)
MODE	PLAY
M.EQ	WFM

1. Adjust VR4 so that Black Level is as same as Pedestal Level.


Confirm both level are same level.
VIDEO OUT
Black
Pedestal

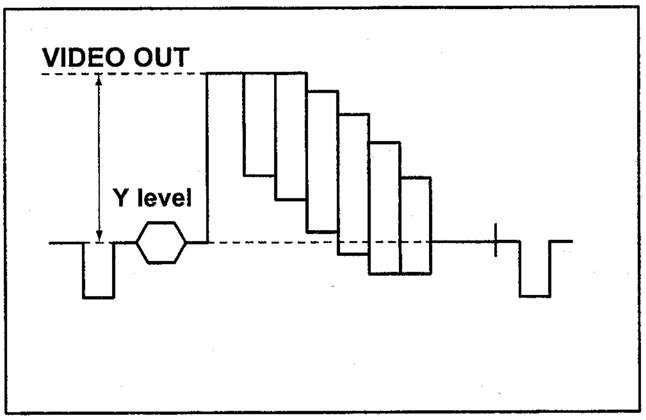
4-4-5. Composite Y Level Adjustment

BOARD	VIDEO I/O
SPEC.	0.7V ± 0.007V
TEST	VIDEO / Y OUT
ADJUST	VR402 (V LEV OFST), VR401 (VIDEO LEV FINE)
TAPE	VFM3680KM (100% colour bar)
MODE	PLAY
M.EQ	WFM

Note:

1. When an extended board is disconnected, and adjustments vary once the VIDEO I/O board is installed on the deck, readjust the service menu H05: V LEV OFST.

1. Observing VIDEO OUT waveform, adjust VR402 and VR401 so that the level of the composite Y signal is 100 IRE ± 1%.


VIDEO OUT
Y level

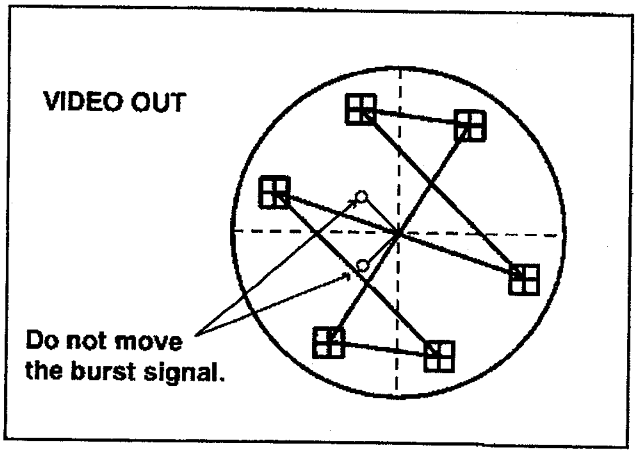
4-4-6. Vector Adjustment

BOARD	VIDEO I/O
SPEC.	All vectors in ⊞
TEST	VIDEO OUT
ADJUST	VR301 (QUAD), VR302 (HUE OFS) VR104(ENC BY), VR103(ENC RY) VC301 (PAL PHASE)
TAPE	VFM3680KM (100% colour bar)
MODE	PLAY
M.EQ	Vector scope

Note:

1. When an extended board is disconnected, and adjustments vary once the VIDEO I/O board is installed on the deck, readjust the service menu H06: C LEV OFST and H08: HUE OFST.

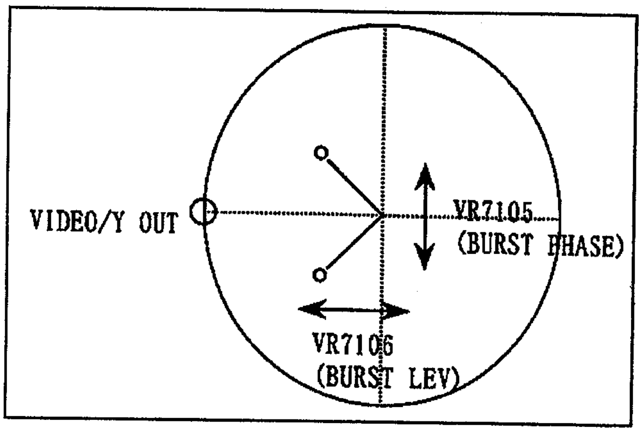
1. Set the burst position of the vector scope.
2. Adjust VR301, VR302, VR104, VR103 and VC301 so that each vector is in the respective ⊞ on the vector scope.


VIDEO OUT
Do not move the burst signal.

4-4-7. Burst Adjustment

BOARD	VIDEO I/O
SPEC.	0.3V ± 0.003V
TEST	VIDEO / Y OUT
ADJUST	VR 106 (BURST LEV), VR105 (BURST PHASE)
TAPE	VFM3680KM (100% colour bar)
MODE	PLAY
M.EQ	Vector Scope

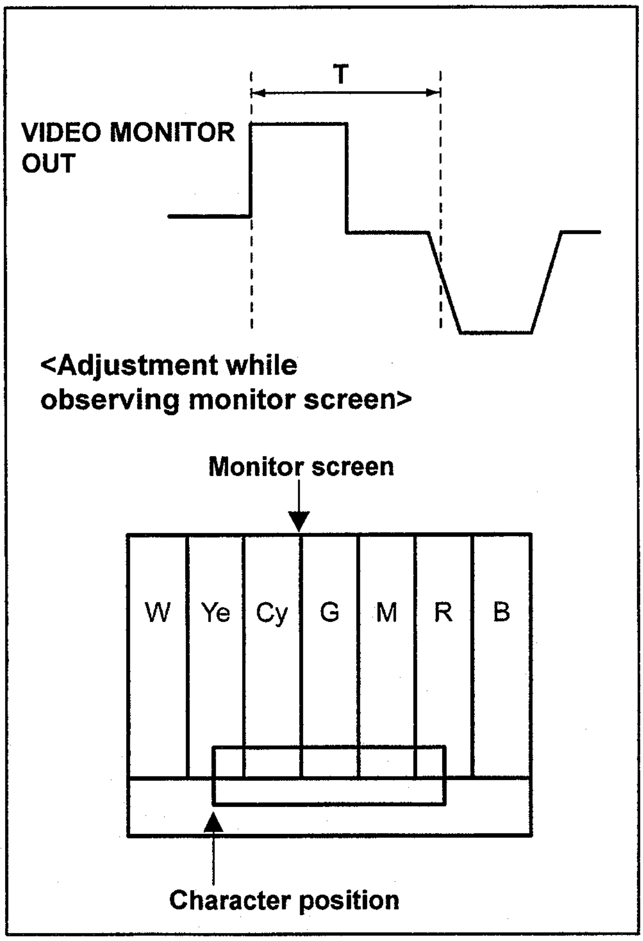
1. Adjust VR105 and VR106 alternately so that burst fit the scale.


VIDEO/Y OUT
VR7105
(BURST PHASE)
VR7106
(BURST LEV)

4-4-8. OSD Chara. Position Adjustment

BOARD	VIDEO I/O
SPEC.	T= 5 ± 0.4µsec
TEST	VIDEO MON OUT
ADJUST	VC401 (CHAR)
TAPE	-------
MODE	EE
M.EQ	WFM monitor, Monitor display

1. Connect VIDEO MONITOR OUT to the WFM monitor.
2. Observing the waveform on the WFM monitor, adjust VC401 so that T portion of the waveform is within the specification.


T
VIDEO MONITOR OUT
<Adjustment while observing monitor screen>
Monitor screen
W
Ye
Cy
G
M
R
B
Character position

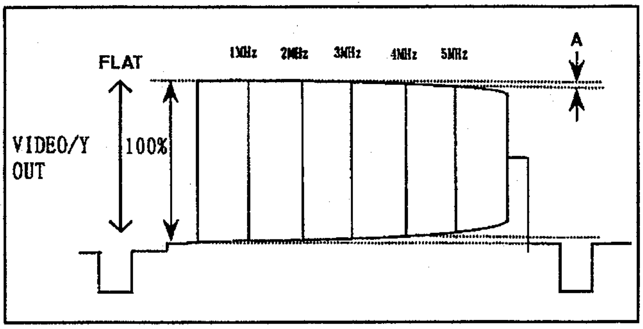
* 1. On-screen menu mode "006: CHARA TYPE" must be WHITE.

* 2. Adjustment while observing the monitor screen is possible. Check result against waveform on WFM monitor.

4-4-9. Composite Y Freq. Adjustment

BOARD	VIDEO I/O
SPEC.	A: 5MHz = 0±2%
TEST	VIDEO / Y OUT
ADJUST	VR3 (CPS FRQ)
TAPE	VFM3680KM (H SWEEP)
MODE	PLAY
M.EQ	WFM

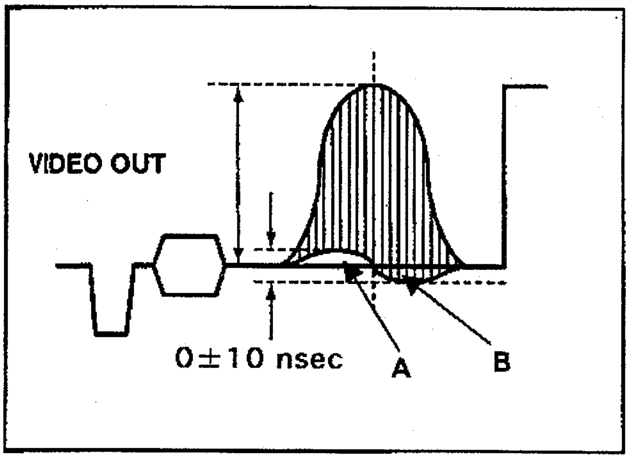
1. Adjust VR3 so that the level A is within specification.


FLAT
1MHz
2MHz
3MHz
4MHz
5MHz
A
VIDEO/Y OUT
100%

4-4-10.Composite YC Timing Adjustment

BOARD	VIDEO I/O
SPEC.	0±10nsec
TEST	VIDEO / Y OUT
ADJUST	VR112 (C DLY)
TAPE	VFM3680KM (2T pulse & bar)
MODE	PLAY
M.EQ	WFM

1. Observing VIDEO OUT waveform on the WFM monitor, adjust VR112 so that the level at A and B are the same.



4-5. AUDIO P.C.Board

4-5-1. Setting Set Up Menu

<Initialization>

1. Open the Set Up menu AUDIO (No. 7xx). Set the following parameters.

702	CH1 OUT LV	0dB
703	CH2 OUT LV	0dB
705	MONI SEL	PLYPCM
707	PB FADE	AUTO
708	MONITOR MIX	STEREO
709	H. PHONE MIX	STEREO
710	CUE OUT SET	OFF
711	PB AUDIO SEL	TR1/2

2. Set SYS FORMAT of BASIC to 50M.
   007 SYS FORMAT 50M

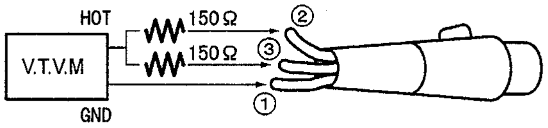
This is the initial setting.

4-5-2. Output BAL Adjustment

Note:
This adjustment must be followed by item 4-5-3.

BOARD	AV I/O
SPEC.	30mVrms or below
TEST	LINE OUT (CH1, CH2)
ADJUST	VR1 (CH1), VR2 (CH2)
TAPE	-------
MODE	EJECT
M.EQ	Vacuum Tube Volt Meter, Monitor TV

1. Connect the V.T.V.M to the LINE OUT through resistors as shown in the figure below.
2. Adjust VR1 (CH1) and VR2 (CH2) so that level becomes minimize.



4-5-3. Output Level Adjustment

BOARD	AUDIO
SPEC.	--------
TEST	LINE OUT (CH1, CH2)
ADJUST	VR201 (CH1), VR202 (CH2) and setup menu
TAPE	VFM3680KM (+4dB, 1KHz)
MODE	PLAY
M.EQ	Audio Precision, Monitor TV

1. While playing back a Alignment tape recorded at 1 kHz, +4 dB, adjust VR201 (CH1) and VR202 (CH2) so that the LINE OUT level becomes +4±0.5dBm.
2. Open the setup menu. Change the output level for each channel and check the resultant output level.

Output level setting	Output level
+ 4dB	+ 4dBm ± 0.5dBm
0dB	0dBm ± 0.2dBm
- 3dB	- 3dBm ± 0.5dBm
- 20dB	- 20dBm ± 0.5dBm

3. While checking output level, also verify that the output is no distortion.
4. Reset the output level of each channel to "0dB".

Note:
Keep the playback VR at UNIT (pressed).

4-5-4. CUE AUDIO PB Level Adjustment

BOARD	AUDIO
SPEC.	0dBu ± 0.5dBu
TEST	MONITOR OUT
ADJUST	VR505
TAPE	VFM3680KM (CUE REF LEVEL 0dB, 1KHz)
MODE	PLAY
M.EQ	Audio Precision, Monitor TV

Note:
Set the input impedance of the Audio Analyzer to high (100 kΩ).

1. Open the setup menu and set to:
   705 MONI SEL PLYCUE
2. While playing the alignment tape of CUE REF LEVEL at 0 dB, 1 kHz, adjust VR505 so that MONITOR OUT level is at 0 ± 0.5 dBu.

4-5-5. CUE Noise Cancel Adjustment (50M mode)

BOARD	AUDIO
SPEC.	-40dBu or below
TEST	MONITOR OUT
ADJUST	VR503, VR501
TAPE	Blank tape
INPUT	--------
MODE	PLAY
M.EQ	Audio Precision, Monitor TV

1. Connect a 600 Hz bandpass filter to MONITOR OUT.
2. Set the Audio Analyzer:
   MEASURE : BANDPASS
   BP/BR FREQ : 600Hz
   FILTER : OFF
3. While playback the blank tape, adjust VR503 and VR501 repeatedly until the noise reduces to the lowest level.

4-5-6. CUE Noise Cancel Adjustment (150Hz)

BOARD	AUDIO
SPEC.	- 40dBu or below
TEST	MONITOR OUT
ADJUST	VR506
TAPE	Blank tape
MODE	PLAY
M.EQ	Audio Precision, Monitor TV

1. Set the VTR to 50 M mode.
2. Connect a 150 Hz bandpass filter to MONITOR OUT.
3. Set the Audio Analyzer:
   MEASURE : BANDPASS
   BP/BR FREQ : 150Hz
   FILTER : OFF
4. While playback the blank tape, adjust VR506 until the noise reduces to the lowest level.

4-5-7. CUE Noise Cancel Adjustment (25M mode)

BOARD	AUDIO
SPEC.	-35dBu or below
TEST	MONITOR OUT
ADJUST	VR504, VR502
TAPE	Blank tape
INPUT	--------
MODE	PLAY
M.EQ	Audio Precision, Monitor TV

1. Set the VTR to 25M mode.
2. Connect a 300 Hz bandpass filter to MONITOR OUT.
3. Set the Audio Analyzer:
   MEASURE : BANDPASS
   BP/BR FREQ : 300Hz
   FILTER : OFF
4. While playback the blank tape, adjust VR504 and VR502 repeatedly until the noise reduces to the lowest level.
5. After completed adjustment, set the VTR to 50M mode.

SECTION 5

BLOCK DIAGRAMS

CONTENTS

OVERALL BLOCK DIAGRAM BLK-1

SERBO BLOCK DIAGRAM BLK-2

V I/O,V IN BLOCK DIAGRAM.. BLK-3

REC PB BLOCK DIAGRAM BLK-4

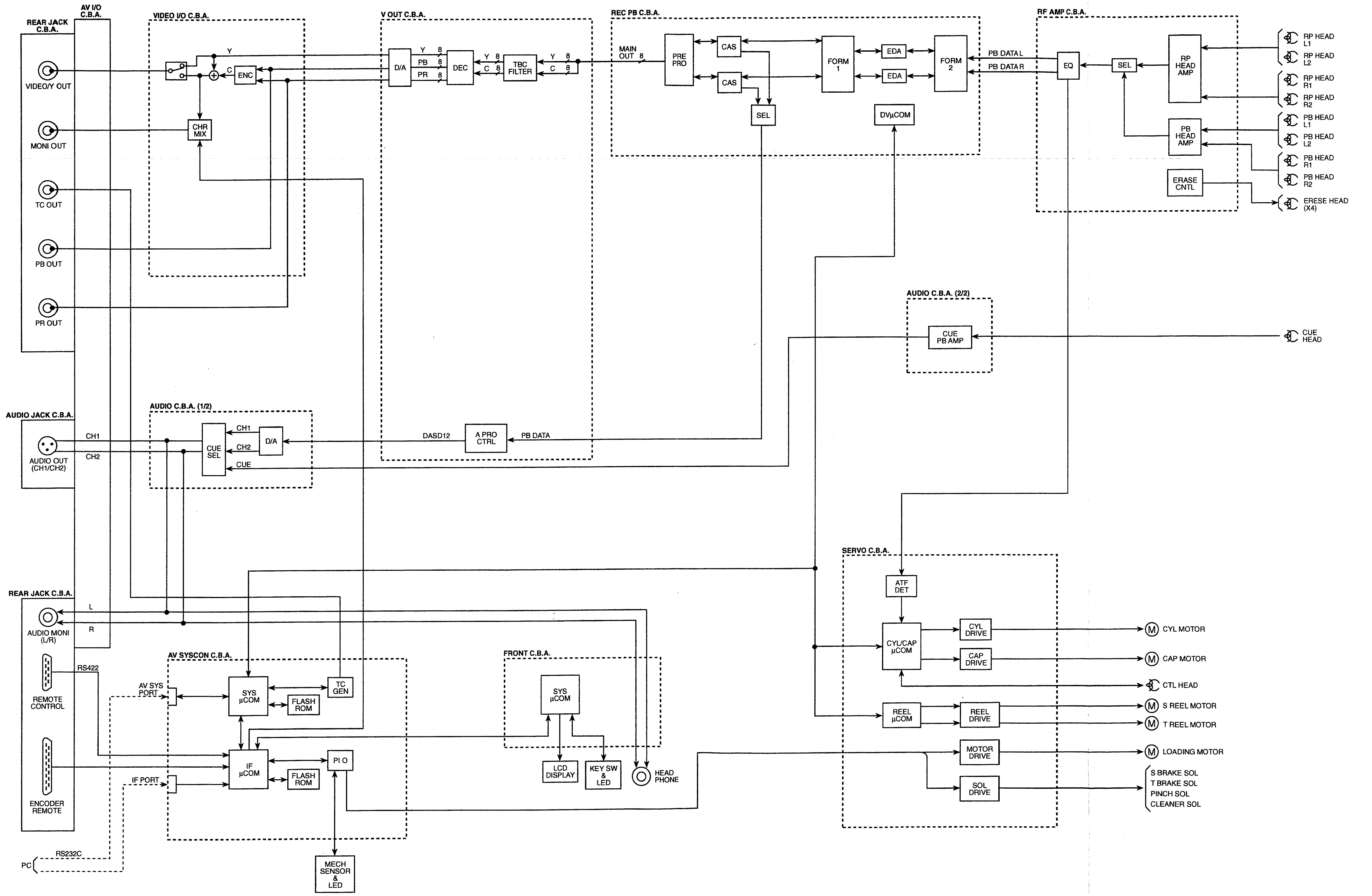
V OUT BLOCK DIAGRAM... BLK-5

RF AMP BLOCK DIAGRAM BLK-6

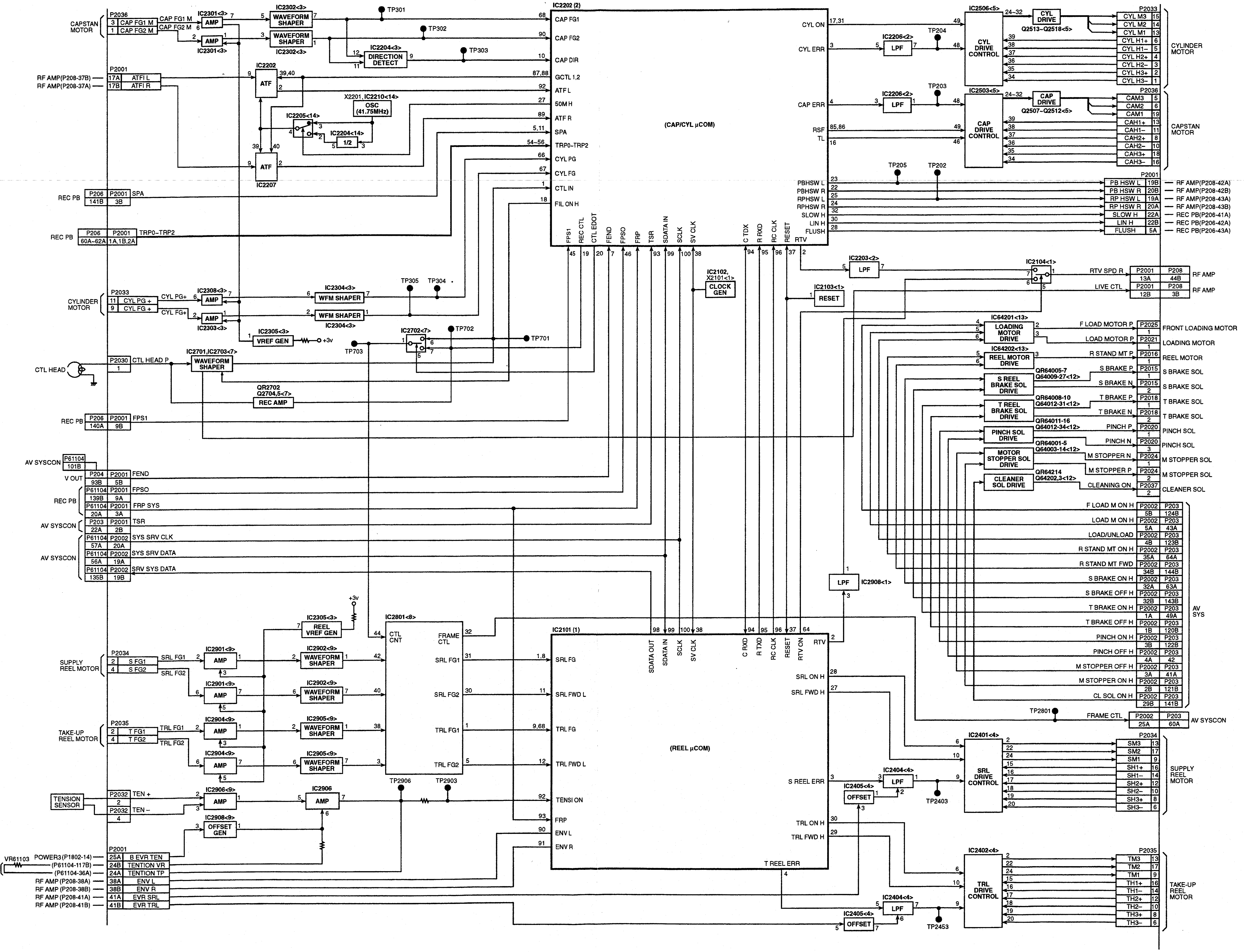
AV SYSCON BLOCK DIAGRAM BLK-7

AUDIO BLOCK DIAGRAM BLK-8

OVERALL BLOCK DIAGRAM


REAR JACK C.B.A.
AV I/O C.B.A.
VIDEO I/O C.B.A.
V OUT C.B.A.
REC PB C.B.A.
RF AMP C.B.A.
VIDEO/Y OUT
MONI OUT
TC OUT
PB OUT
PR OUT
Y
C
ENC
CHR MIX
D/A
Y 8
PB 8
PR 8
DEC
Y 8
C 8
TBC FILTER
Y 8
C 8
MAIN OUT 8
PRE PRO
CAS
CAS
SEL
FORM 1
EDA
EDA
FORM 2
DVμCOM
PB DATA L
PB DATA R
EQ
SEL
RP HEAD AMP
PB HEAD AMP
ERASE CNTL
RP HEAD L1
RP HEAD L2
RP HEAD R1
RP HEAD R2
PB HEAD L1
PB HEAD L2
PB HEAD R1
PB HEAD R2
ERESE HEAD (X4)
AUDIO C.B.A. (2/2)
CUE PB AMP
CUE HEAD
AUDIO JACK C.B.A.
AUDIO OUT (CH1/CH2)
CH1
CH2
AUDIO C.B.A. (1/2)
CUE SEL
CH1
CH2
CUE
D/A
DASD12
A PRO CTRL
PB DATA
SERVO C.B.A.
ATF DET
CYL/CAP μCOM
CYL DRIVE
CAP DRIVE
CYL MOTOR
CAP MOTOR
CTL HEAD
REEL μCOM
REEL DRIVE
S REEL MOTOR
T REEL MOTOR
MOTOR DRIVE
LOADING MOTOR
SOL DRIVE
S BRAKE SOL
T BRAKE SOL
PINCH SOL
CLEANER SOL
REAR JACK C.B.A.
L
R
AUDIO MONI (L/R)
RS422
REMOTE CONTROL
ENCODER REMOTE
AV SYSCON C.B.A.
AV SYS PORT
SYS μCOM
FLASH ROM
TC GEN
IF PORT
IF μCOM
FLASH ROM
PI O
MECH SENSOR & LED
FRONT C.B.A.
SYS μCOM
LCD DISPLAY
KEY SW & LED
HEAD PHONE
RS232C
PC

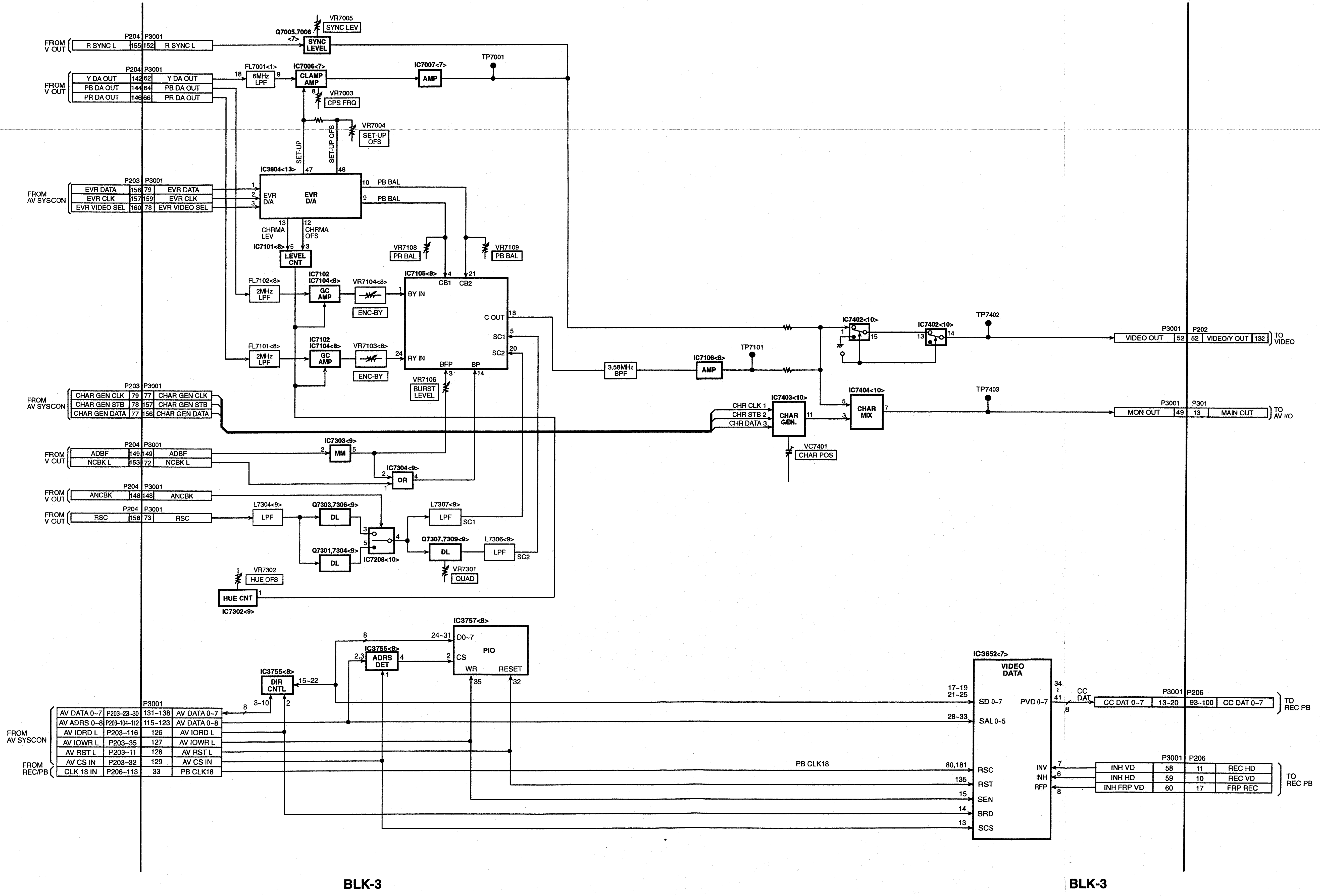
SERVO BLOCK DIAGRAM


CAPSTAN MOTOR
P2036
CAP FG1 M
CAP FG2 M
IC2301<3>
AMP
WAVEFORM SHAPER
IC2302<3>
TP301
TP302
TP303
IC2204<3>
DIRECTION DETECT
RF AMP(P208-37B)
RF AMP(P208-37A)
P2001
ATFI L
ATFI R
IC2202
ATF
X2201,IC2210<14>
OSC (41.75MHz)
IC2205<14>
IC2204<14>
1/2
IC2207
REC PB
P206
SPA
TRP0–TRP2
CYLINDER MOTOR
P2033
CYL PG +
CYL FG +
IC2308<3>
IC2303<3>
IC2304<3>
WFM SHAPER
TP305
TP304
IC2305<3>
VREF GEN
+3v
IC2702<7>
TP702
TP701
TP703
CTL HEAD
P2030
CTL HEAD P
IC2701,IC2703<7>
WAVEFORM SHAPER
QR2702
Q2704,5<7>
REC AMP
FPS1
AV SYSCON
P61104
V OUT
P204
FEND
FPSO
FRP SYS
P203
TSR
SYS SRV CLK
SYS SRV DATA
SRV SYS DATA
IC2202 (2)
CAP FG1
CAP FG2
CAP DIR
GCTL 1,2
ATF L
50M H
ATF R
TRP0–TRP2
CYL PG
CYL FG
CTL IN
FIL ON H
(CAP/CYL μCOM)
FPS1
REC CTL
CTL EDOT
FEND
FPSO
FRP
TSR
SDATA IN
SCLK
SV CLK
C TDX
R RXD
RC CLK
RESET
RTV ON
CYL ON
CYL ERR
CAP ERR
RSF
TL
PBHSW L
PBHSW R
RPHSW L
RPHSW R
SLOW H
LIN H
FLUSH
RTV
IC2102, X2101<1>
CLOCK GEN
IC2103<1>
RESET
IC2203<2>
LPF
IC2104<1>
RTV SPD R
LIVE CTL
P208
RF AMP
IC2506<5>
CYL DRIVE
Q2513–Q2518<5>
CYL DRIVE CONTROL
IC2206<2>
TP204
TP203
IC2503<5>
CAP DRIVE
Q2507–Q2512<5>
CAP DRIVE CONTROL
TP205
TP202
CYL M3
CYL M2
CYL M1
CYL H1+
CYL H1–
CYL H2+
CYL H2–
CYL H3+
CYL H3–
CYLINDER MOTOR
CAM3
CAM2
CAM1
CAH1+
CAH1–
CAH2+
CAH2–
CAH3+
CAH3–
CAPSTAN MOTOR
PB HSW L
PB HSW R
RP HSW L
RP HSW R
SLOW H
LIN H
FLUSH
RF AMP(P208-42A)
RF AMP(P208-42B)
RF AMP(P208-43A)
RF AMP(P208-43B)
REC PB(P206-41A)
REC PB(P206-42A)
REC PB(P206-43A)
IC64201<13>
LOADING MOTOR DRIVE
F LOAD MOTOR P
LOAD MOTOR P
P2025
P2021
FRONT LOADING MOTOR
LOADING MOTOR
IC64202<13>
REEL MOTOR DRIVE
R STAND MT P
P2016
REEL MOTOR
QR64005-7
Q64009-27<12>
S REEL BRAKE SOL DRIVE
S BRAKE P
S BRAKE N
P2015
S BRAKE SOL
QR64008-10
Q64012-31<12>
T REEL BRAKE SOL DRIVE
T BRAKE P
T BRAKE N
P2018
T BRAKE SOL
QR64011-16
Q64012-34<12>
PINCH SOL DRIVE
PINCH P
PINCH N
P2020
PINCH SOL
QR64001-5
Q64003-14<12>
MOTOR STOPPER SOL DRIVE
M STOPPER N
M STOPPER P
P2024
M STOPPER SOL
QR64214
Q64202,3<12>
CLEANER SOL DRIVE
CLEANING ON
P2037
CLEANER SOL
F LOAD M ON H
LOAD M ON H
LOAD/UNLOAD
R STAND MT ON H
R STAND MT FWD
S BRAKE ON H
S BRAKE OFF H
T BRAKE ON H
T BRAKE OFF H
PINCH ON H
PINCH OFF H
M STOPPER OFF H
M STOPPER ON H
CL SOL ON H
P2002
AV SYS
LPF
IC2908<1>
TP2801
FRAME CTL
AV SYSCON
IC2101 (1)
(REEL μCOM)
SDATA OUT
SDATA IN
SCLK
SV CLK
C RXD
R TXD
RC CLK
RESET
RTV ON
RTV
SRL ON H
SRL FWD H
S REEL ERR
TRL ON H
TRL FWD H
T REEL ERR
SRL FG
SRL FWD L
TRL FG
TRL FWD L
TENSI ON
FRP
ENV L
ENV R
IC2801<8>
CTL CNT
FRAME CTL
SRL FG1
SRL FG2
TRL FG1
TRL FG2
TP2906
TP2903
IC2305<3>
REEL VREF GEN
SUPPLY REEL MOTOR
P2034
S FG1
S FG2
SRL FG1
SRL FG2
IC2901<9>
IC2902<9>
TAKE-UP REEL MOTOR
P2035
T FG1
T FG2
TRL FG1
TRL FG2
IC2904<9>
IC2905<9>
TENSION SENSOR
P2032
TEN +
TEN –
IC2906<9>
IC2906
IC2908<9>
OFFSET GEN
VR61103
POWER3(P1802-14)
(P61104-117B)
(P61104-36A)
AVSYS
B EVR TEN
TENTION VR
TENTION TP
ENV L
ENV R
EVR SRL
EVR TRL
RF AMP (P208-38A)
RF AMP (P208-38B)
RF AMP (P208-41A)
RF AMP (P208-41B)
IC2401<4>
SRL DRIVE CONTROL
IC2404<4>
IC2405<4>
OFFSET
TP2403
SM3
SM2
SM1
SH1+
SH1–
SH2+
SH2–
SH3+
SH3–
SUPPLY REEL MOTOR
IC2402<4>
TRL DRIVE CONTROL
TP2453
TM3
TM2
TM1
TH1+
TH1–
TH2+
TH2–
TH3+
TH3–
TAKE-UP REEL MOTOR

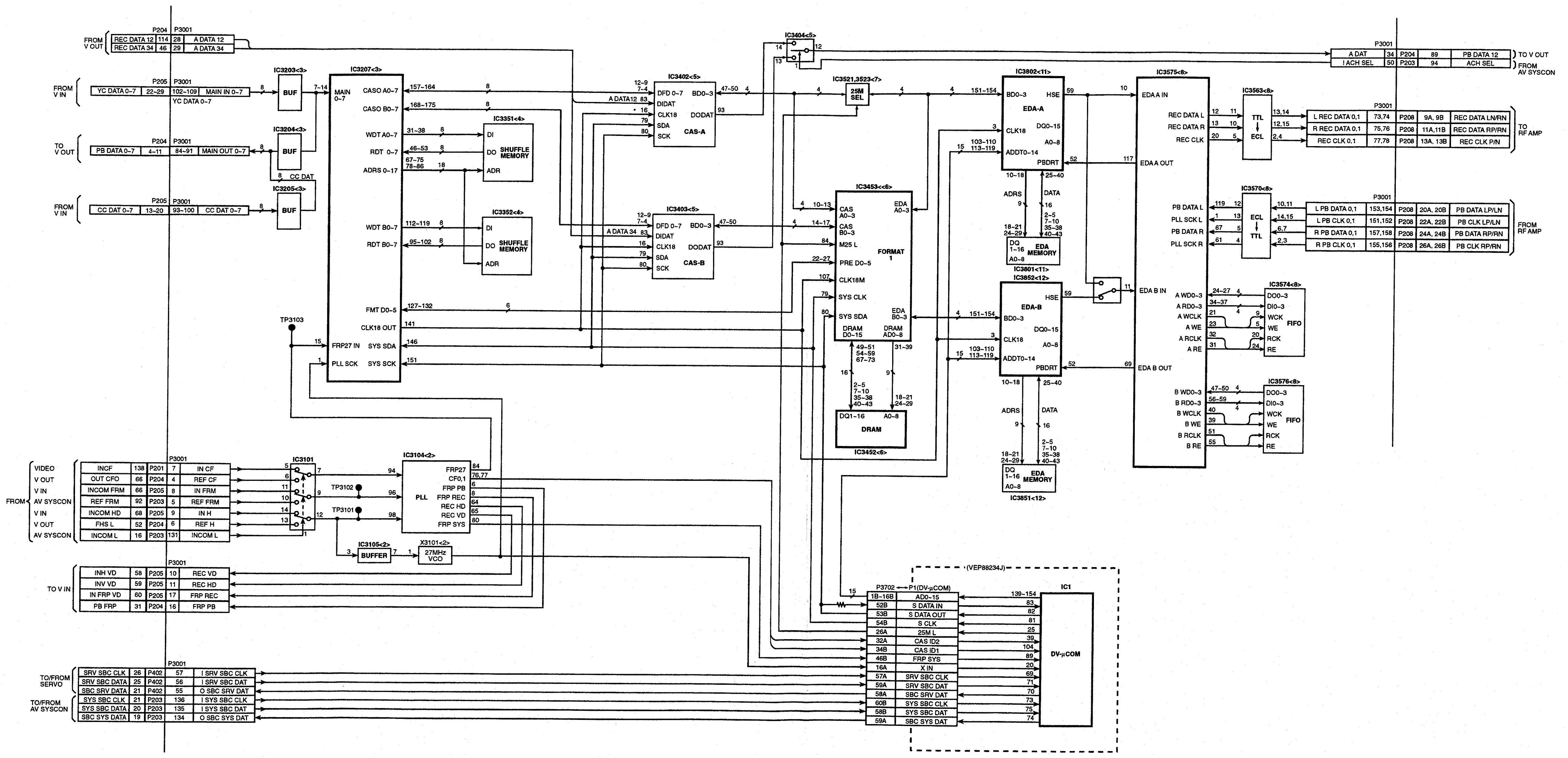
BLK–2

BLK–2

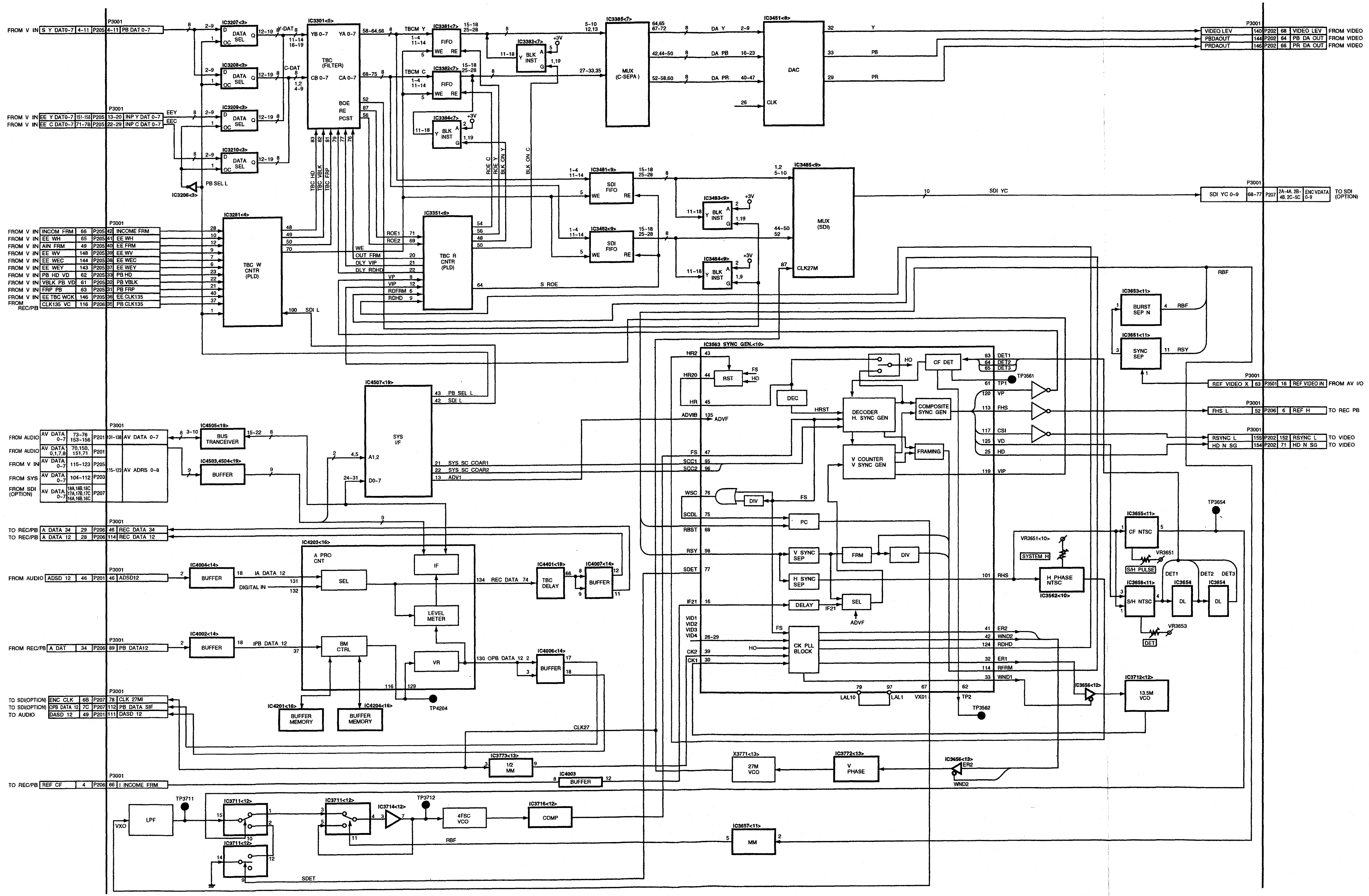
V I/O, V IN BLOCK DIAGRAM


FROM V OUT
P204 P3001
R SYNC L 155 152 R SYNC L
Q7005,7006 <7>
SYNC LEVEL
VR7005
SYNC LEV
FROM V OUT
Y DA OUT 142 62 Y DA OUT
PB DA OUT 144 64 PB DA OUT
PR DA OUT 146 66 PR DA OUT
FL7001<1>
6MHz LPF
IC7006<7>
CLAMP AMP
VR7003
CPS FRQ
IC7007<7>
AMP
TP7001
VR7004
SET-UP OFS
SET-UP
SET-UP OFS
FROM AV SYSCON
P203 P3001
EVR DATA 156 79 EVR DATA
EVR CLK 157 159 EVR CLK
EVR VIDEO SEL 160 78 EVR VIDEO SEL
IC3804<13>
EVR D/A
PB BAL
PB BAL
CHRMA LEV
CHRMA OFS
IC7101<8>
LEVEL CNT
VR7108
PR BAL
VR7109
PB BAL
FL7102<8>
2MHz LPF
IC7102 IC7104<8>
GC AMP
VR7104<8>
ENC-BY
IC7105<8>
CB1 CB2
BY IN
C OUT
SC1
SC2
RY IN
BFP
BP
FL7101<8>
2MHz LPF
IC7102 IC7104<8>
GC AMP
VR7103<8>
ENC-BY
VR7106
BURST LEVEL
3.58MHz BPF
IC7106<8>
AMP
TP7101
IC7402<10>
IC7402<10>
TP7402
P3001 P202
VIDEO OUT 52 52 VIDEO/Y OUT 132
TO VIDEO
FROM AV SYSCON
P203 P3001
CHAR GEN CLK 79 77 CHAR GEN CLK
CHAR GEN STB 78 157 CHAR GEN STB
CHAR GEN DATA 77 156 CHAR GEN DATA
IC7403<10>
CHR CLK 1
CHR STB 2
CHR DATA 3
CHAR GEN.
VC7401
CHAR POS
IC7404<10>
CHAR MIX
TP7403
P3001 P301
MON OUT 49 13 MAIN OUT
TO AV I/O
FROM V OUT
P204 P3001
ADBF 149 149 ADBF
NCBK L 153 72 NCBK L
IC7303<9>
MM
IC7304<9>
OR
FROM V OUT
P204 P3001
ANCBK 148 148 ANCBK
FROM V OUT
P204 P3001
RSC 158 73 RSC
L7304<9>
LPF
Q7303,7306<9>
DL
Q7301,7304<9>
DL
IC7208<10>
L7307<9>
LPF
SC1
Q7307,7309<9>
DL
L7306<9>
LPF
SC2
VR7301
QUAD
VR7302
HUE OFS
HUE CNT
IC7302<9>
IC3757<8>
D0-7
PIO
CS
WR
RESET
IC3756<8>
ADRS DET
IC3755<8>
DIR CNTL
15~22
3~10
24~31
FROM AV SYSCON
P3001
AV DATA 0~7 P203-23~30 131~138 AV DATA 0~7
AV ADRS 0~8 P203-104~112 115~123 AV DATA 0~8
AV IORD L P203-116 126 AV IORD L
AV IOWR L P203-35 127 AV IOWR L
AV RST L P203-11 128 AV RST L
AV CS IN P203-32 129 AV CS IN
FROM REC/PB
CLK 18 IN P206-113 33 PB CLK18
PB CLK18
IC3652<7>
VIDEO DATA
17~19 21~25 SD 0-7
28~33 SAL 0-5
80,181 RSC
135 RST
15 SEN
14 SRD
13 SCS
PVD 0-7
CC DAT
P3001 P206
CC DAT 0~7 13~20 93~100 CC DAT 0~7
TO REC PB
INV
INH
RFP
P3001 P206
INH VD 58 11 REC HD
INH HD 59 10 REC VD
INH FRP VD 60 17 FRP REC
TO REC PB
BLK-3
BLK-3

REC PB BLOCK DIAGRAM


FROM V OUT
P204
P3001
REC DATA 12
114
28
A DATA 12
REC DATA 34
46
29
A DATA 34
FROM V IN
P205
YC DATA 0~7
22~29
102~109
MAIN IN 0~7
YC DATA 0~7
TO V OUT
PB DATA 0~7
4~11
84~91
MAIN OUT 0~7
CC DAT
FROM V IN
CC DAT 0~7
13~20
93~100
CC DAT 0~7
IC3203<3>
IC3204<3>
IC3205<3>
BUF
IC3207<3>
MAIN 0~7
CASO A0~7
CASO B0~7
WDT A0~7
RDT 0~7
ADRS 0~17
WDT B0~7
RDT B0~7
FMT D0~5
CLK18 OUT
FRP27 IN
SYS SDA
PLL SCK
SYS SCK
TP3103
IC3351<4>
IC3352<4>
DI
DO
ADR
SHUFFLE MEMORY
IC3402<5>
IC3403<5>
DFD 0~7
DIDAT
CLK18
SDA
SCK
BD0~3
DODAT
CAS-A
CAS-B
A DATA12
A DATA 34
IC3404<5>
IC3521,3523<7>
25M SEL
IC3453<<6>
CAS A0~3
CAS B0~3
M25 L
PRE D0~5
CLK18M
SYS CLK
SYS SDA
EDA A0~3
EDA B0~3
FORMAT 1
DRAM D0~15
DRAM AD0~8
DQ1~16
A0~8
DRAM
IC3452<6>
IC3802<11>
EDA-A
IC3852<12>
EDA-B
BD0~3
HSE
CLK18
DQ0~15
A0~8
ADDT0~14
PBDRT
ADRS
DATA
DQ 1~16
A0~8
EDA MEMORY
IC3801<11>
IC3851<12>
IC3575<8>
EDA A IN
REC DATA L
REC DATA R
REC CLK
EDA A OUT
PB DATA L
PLL SCK L
PB DATA R
PLL SCK R
EDA B IN
A WD0~3
A RD0~3
A WCLK
A WE
A RCLK
A RE
EDA B OUT
B WD0~3
B RD0~3
B WCLK
B WE
B RCLK
B RE
IC3563<8>
TTL ↓ ECL
IC3570<8>
ECL ↓ TTL
IC3574<8>
IC3576<8>
DO0~3
DI0~3
WCK
WE
RCK
RE
FIFO
P3001
A DAT
34
P204
89
PB DATA 12
TO V OUT
I ACH SEL
50
P203
94
ACH SEL
FROM AV SYSCON
L REC DATA 0,1
73,74
P208
9A, 9B
REC DATA LN/RN
R REC DATA 0,1
75,76
P208
11A,11B
REC DATA RP/RN
REC CLK 0,1
77,78
P208
13A, 13B
REC CLK P/N
TO RF AMP
L PB DATA 0,1
153,154
P208
20A, 20B
PB DATA LP/LN
L PB CLK 0,1
151,152
P208
22A, 22B
PB CLK LP/LN
R PB DATA 0,1
157,158
P208
24A, 24B
PB DATA RP/RN
R PB CLK 0,1
155,156
P208
26A, 26B
PB CLK RP/RN
FROM RF AMP
FROM
VIDEO
V OUT
V IN
AV SYSCON
V IN
V OUT
AV SYSCON
INCF 138 P201 7 IN CF
OUT CFO 66 P204 4 REF CF
INCOM FRM 66 P205 8 IN FRM
REF FRM 92 P203 5 REF FRM
INCOM HD 68 P205 9 IN H
FHS L 52 P204 6 REF H
INCOM L 16 P203 131 INCOM L
IC3101
TP3102
TP3101
IC3104<2>
PLL
FRP27
CF0,1
FRP PB
FRP REC
REC HD
REC VD
FRP SYS
IC3105<2>
BUFFER
X3101<2>
27MHz VCO
TO V IN
INH VD 58 P205 10 REC VD
INV VD 59 P205 11 REC HD
IN FRP VD 60 P205 17 FRP REC
PB FRP 31 P204 16 FRP PB
TO/FROM SERVO
SRV SBC CLK 26 P402 57 I SRV SBC CLK
SRV SBC DATA 25 P402 56 I SRV SBC DAT
SBC SRV DATA 21 P402 55 O SBC SRV DAT
TO/FROM AV SYSCON
SYS SBC CLK 21 P203 136 I SYS SBC CLK
SYS SBC DATA 20 P203 135 I SYS SBC DAT
SBC SYS DATA 19 P203 134 O SBC SYS DAT
(VEP88234J)
P3702 ←→ P1(DV-μCOM)
1B~16B AD0~15 139~154
52B S DATA IN 83
53B S DATA OUT 82
54B S CLK 81
26A 25M L 25
32A CAS ID2 39
34B CAS ID1 104
46B FRP SYS 89
16A X IN 20
57A SRV SBC CLK 69
59A SRV SBC DAT 71
58A SBC SRV DAT 70
60B SYS SBC CLK 73
58B SYS SBC DAT 75
59A SBC SYS DAT 74
IC1
DV-μCOM

V OUT BLOCK DIAGRAM

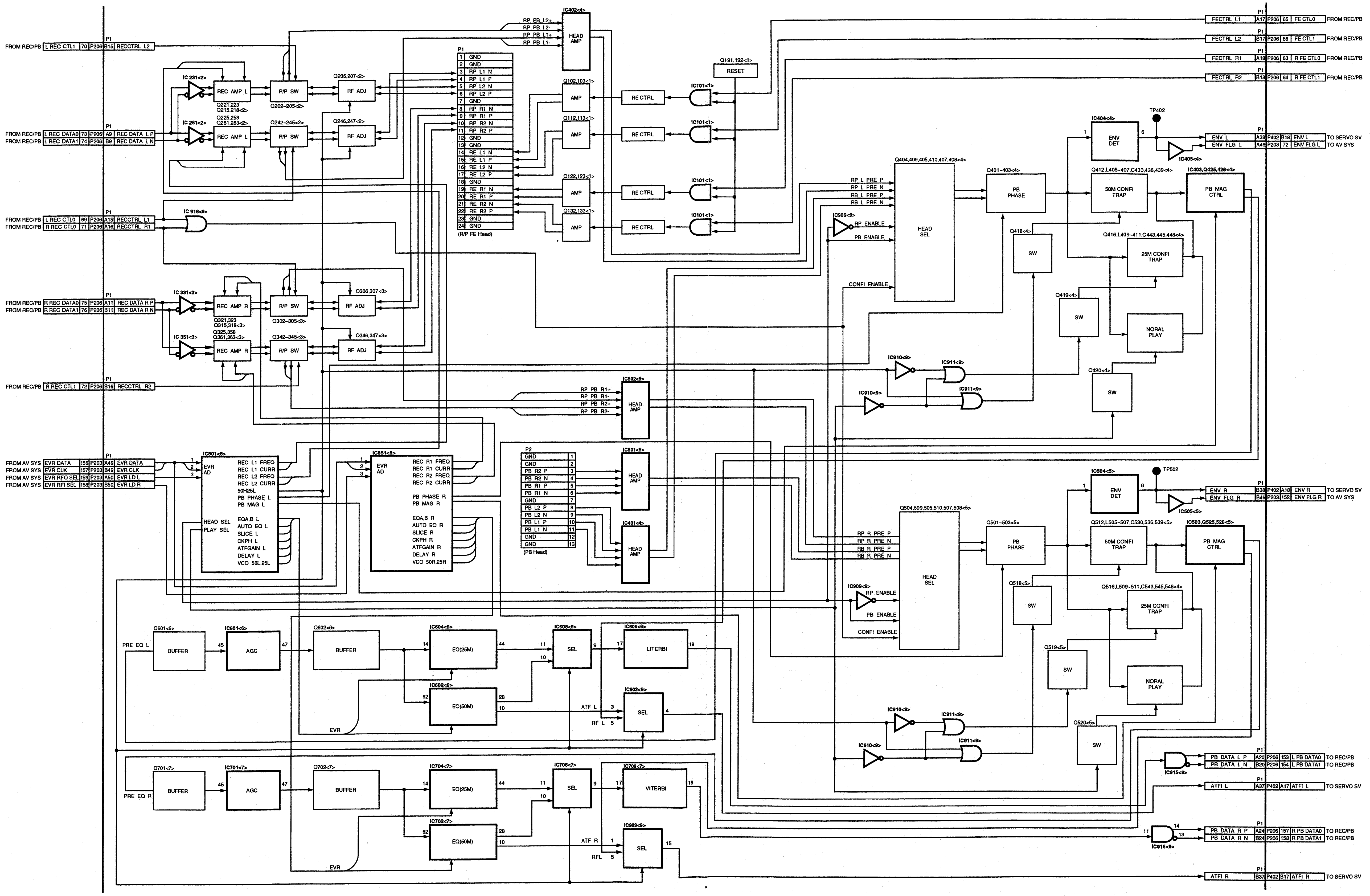


FROM V IN
P3001
IC3207<3> DATA SEL
IC3208<3> DATA SEL
IC3209<3> DATA SEL
IC3210<3> DATA SEL
IC3206<3>
PB SEL L
IC3301<5> TBC (FILTER)
IC3381<7> FIFO
IC3382<7> FIFO
IC3383<7> BLK INST
IC3384<7> BLK INST
IC3385<7> MUX (C-SEPA)
IC3451<8> DAC
Y
PB
PR
VIDEO LEV
PBDAOUT
PRDAOUT
FROM VIDEO
IC3481<9> SDI FIFO
IC3482<9> SDI FIFO
IC3483<9> BLK INST
IC3484<9> BLK INST
IC3485<9> MUX (SDI)
CLK27M
SDI YC
SDI YC 0-9
TO SDI (OPTION)
IC3281<4> TBC W CNTR (PLD)
IC3351<6> TBC R CNTR (PLD)
S ROE
RBF
IC3653<11> BURST SEP N
IC3651<11> SYNC SEP
RSY
REF VIDEO X
FROM AV I/O
FHS L
TO REC PB
RSYNC L
HD N SG
TO VIDEO
IC4507<19> SYS I/F
FROM AUDIO
FROM SYS
FROM SDI (OPTION)
AV DATA 0-7
AV ADRS 0-8
IC4505<19> BUS TRANCEIVER
IC4503,4504<19> BUFFER
IC3563 SYNC GEN.<10>
RST
DEC
CF DET
DECODER H. SYNC GEN
COMPOSITE SYNC GEN
V COUNTER V SYNC GEN
FRAMING
DIV
PC
V SYNC SEP
FRM
H SYNC SEP
DELAY
SEL
CK PLL BLOCK
TP3561
TP3562
IC3562<10> H PHASE NTSC
IC3655<11> CF NTSC
IC3658<11> S/H NTSC
IC3654 DL
VR3651<10>
SYSTEM H
S/H PULSE
DET
TP3654
IC3656<12>
IC3712<12> 13.5M VCO
TO REC/PB
REC DATA 34
REC DATA 12
IC4203<16> A PRO CNT
SEL
IF
LEVEL METER
BM CTRL
VR
IC4004<14> BUFFER
IC4002<14> BUFFER
IC4401<18> TBC DELAY
IC4007<14> BUFFER
IC4006<14> BUFFER
IC4201<16> BUFFER MEMORY
IC4204<16> BUFFER MEMORY
TP4204
TO SDI(OPTION)
TO AUDIO
CLK27
IC3773<13> 1/2 MM
IC4003 BUFFER
X3771<13> 27M VCO
IC3772<13> V PHASE
IC3656<13>
I INCOME FRM
TP3711
LPF
IC3711<12>
IC3714<12>
TP3712
4FSC VCO
IC3716<12> COMP
IC3657<11> MM
SDET

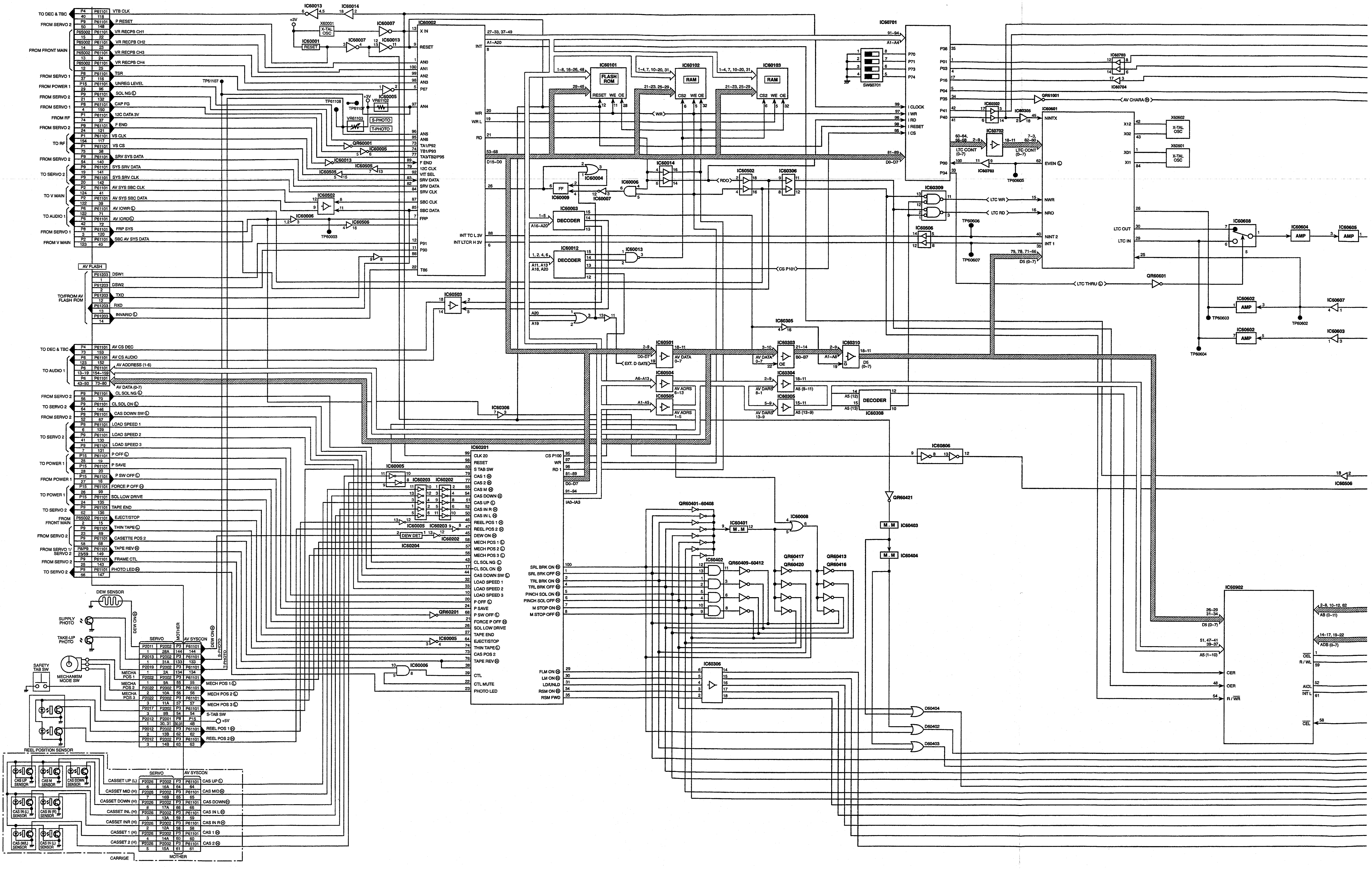
BLK–5

BLK–5

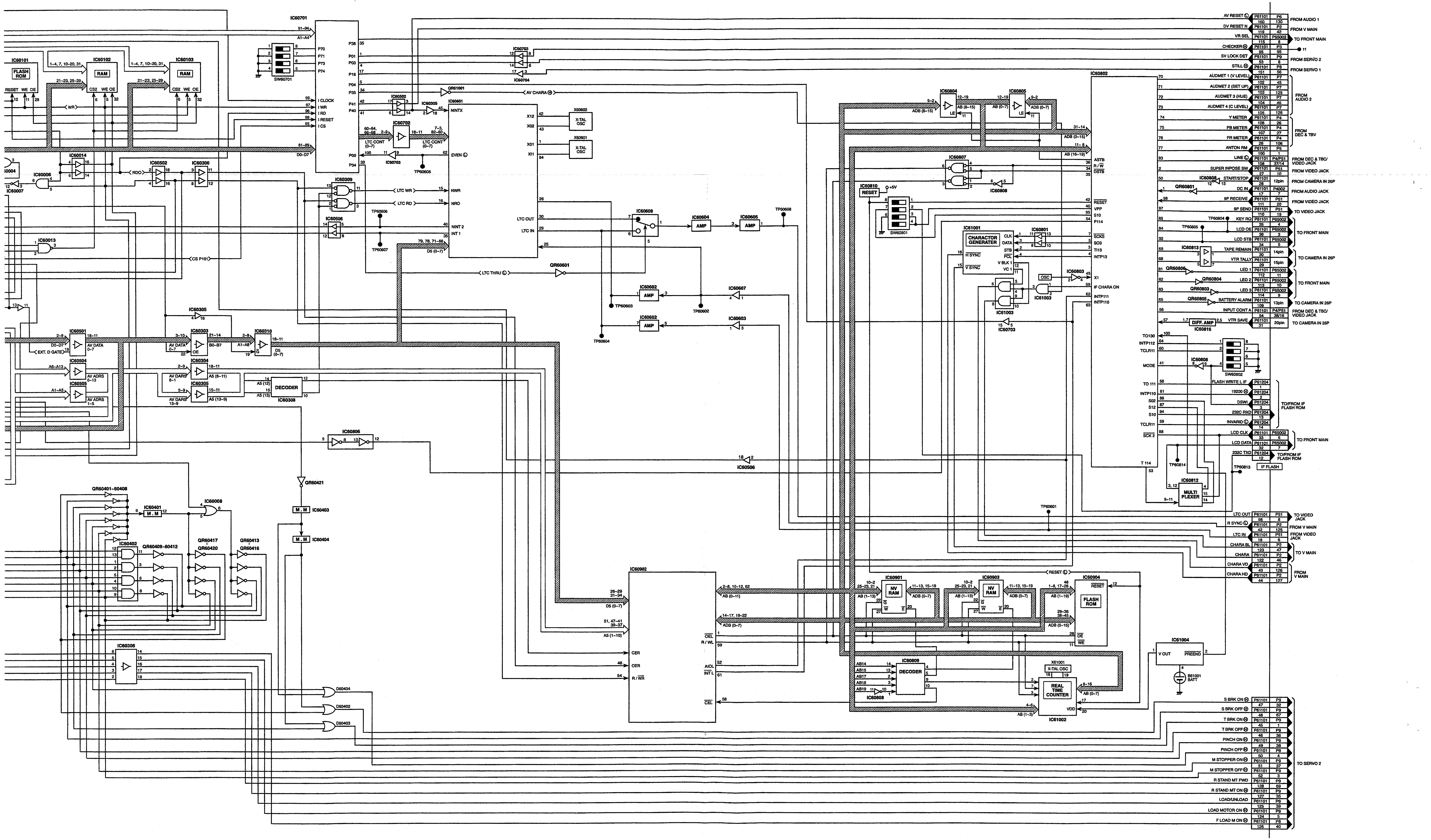
RF AMP BLOCK DIAGRAM


FROM REC/PB
L REC CTL1
RECCTRL L2
L REC DATA0
L REC DATA1
REC DATA L P
REC DATA L N
L REC CTL0
R REC CTL0
RECCTRL L1
RECCTRL R1
R REC DATA0
R REC DATA1
REC DATA R P
REC DATA R N
R REC CTL1
RECCTRL R2
FROM AV SYS
EVR DATA
EVR CLK
EVR RFO SEL
EVR RFI SEL
EVR LD L
EVR LD R
P1
IC 231<2>
IC 251<2>
REC AMP L
R/P SW
RF ADJ
Q221,223
Q215,218<2>
Q225,258
Q261,263<2>
Q202~205<2>
Q242~245<2>
Q206,207<2>
Q246,247<2>
IC 916<9>
IC 331<3>
IC 351<3>
REC AMP R
Q321,323
Q315,318<3>
Q325,358
Q361,363<3>
Q302~305<3>
Q342~345<3>
Q306,307<3>
Q346,347<3>
GND
RP L1 N
RP L1 P
RP L2 N
RP L2 P
RP R1 N
RP R1 P
RP R2 N
RP R2 P
RE L1 N
RE L1 P
RE L2 N
RE L2 P
RE R1 N
RE R1 P
RE R2 N
RE R2 P
(R/P FE Head)
IC402<4>
HEAD AMP
RP PB L2+
RP PB L2-
RP PB L1+
RP PB L1-
Q102,103<1>
Q112,113<1>
Q122,123<1>
Q132,133<1>
AMP
RE CTRL
IC101<1>
Q191,192<1>
RESET
FECTRL L1
FECTRL L2
FECTRL R1
FECTRL R2
FE CTL0
FE CTL1
R FE CTL0
R FE CTL1
FROM REC/PB
IC404<4>
ENV DET
TP402
IC405<4>
ENV L
ENV FLG L
TO SERVO SV
TO AV SYS
Q404,409,405,410,407,408<4>
RP L PRE P
RP L PRE N
RB L PRE P
RB L PRE N
IC909<9>
RP ENABLE
PB ENABLE
CONFI ENABLE
HEAD SEL
Q401~403<4>
PB PHASE
Q412,L405~407,C430,436,439<4>
50M CONFI TRAP
IC403,Q425,426<4>
PB MAG CTRL
Q418<4>
SW
Q416,L409~411,C443,445,448<4>
25M CONFI TRAP
Q419<4>
NORAL PLAY
Q420<4>
IC910<9>
IC911<9>
IC502<5>
RP PB R1+
RP PB R1-
RP PB R2+
RP PB R2-
IC801<8>
EVR AD
REC L1 FREQ
REC L1 CURR
REC L2 FREQ
REC L2 CURR
50H25L
PB PHASE L
PB MAG L
HEAD SEL
PLAY SEL
EQ\B L
AUTO EQ L
SLICE L
CKPH L
ATFGAIN L
DELAY L
VCO 50L,25L
IC851<8>
REC R1 FREQ
REC R1 CURR
REC R2 FREQ
REC R2 CURR
PB PHASE R
PB MAG R
EQ\B R
AUTO EQ R
SLICE R
CKPH R
ATFGAIN R
DELAY R
VCO 50R,25R
P2
PB R2 P
PB R2 N
PB R1 P
PB R1 N
PB L2 P
PB L2 N
PB L1 P
PB L1 N
(PB Head)
IC501<5>
IC401<4>
IC504<5>
TP502
IC505<5>
ENV R
ENV FLG R
Q504,509,505,510,507,508<5>
RP R PRE P
RP R PRE N
RB R PRE P
RB R PRE N
Q501~503<5>
Q512,L505~507,C530,536,539<5>
IC503,Q525,526<5>
Q518<5>
Q516,L509~511,C543,545,548<5>
Q519<5>
Q520<5>
Q601<6>
PRE EQ L
BUFFER
IC601<6>
AGC
Q602<6>
IC604<6>
EQ(25M)
IC602<6>
EQ(50M)
EVR
IC606<6>
SEL
ATF L
RF L
IC609<6>
LITERBI
IC903<9>
Q701<7>
PRE EQ R
IC701<7>
Q702<7>
IC704<7>
IC702<7>
IC706<7>
ATF R
RFL
IC709<7>
VITERBI
IC915<9>
PB DATA L P
PB DATA L N
L PB DATA0
L PB DATA1
TO REC/PB
ATFI L
PB DATA R P
PB DATA R N
R PB DATA0
R PB DATA1
ATFI R

AV SYSCON BLOCK DIAGRAM



TO DEC & TBC
FROM SERVO 2
FROM FRONT MAIN
FROM SERVO 1
FROM POWER 1
FROM RF
TO RF
TO SERVO 2
TO V MAIN
TO AUDIO 1
FROM V MAIN
VTB CLK
P RESET
VR RECPB CH1
VR RECPB CH2
VR RECPB CH3
VR RECPB CH4
TSR
UNREG LEVEL
SOL NG
CAP FG
12C DATA 3V
F END
VS CLK
VS CS
SRV SYS DATA
SYS SRV DATA
SYS SRV CLK
AV SYS SBC CLK
AV SYS SBC DATA
AV IOWR
AV IORD
FRP SYS
SBC AV SYS DATA
AV FLASH
TO/FROM AV FLASH ROM
DSW1
DSW2
TXD
RXD
INVARID
AV CS DEC
AV CS AUDIO
AV ADDRESS (1-6)
AV DATA (0-7)
CL SOL NG
CL SOL ON
CAS DOWN SW
LOAD SPEED 1
LOAD SPEED 2
LOAD SPEED 3
TO POWER 1
P OFF
P SAVE
P SW OFF
FORCE P OFF
SOL LOW DRIVE
TAPE END
FROM FRONT MAIN
EJECT/STOP
THIN TAPE
CASETTE POS 2
FROM SERVO 1/ SERVO 2
TAPE REV
FRAME CTL
PHOTO LED
IC60013
IC60014
IC60001
RESET
X60001
X-TAL OSC
IC60007
IC60002
X IN
INT
AN0
AN1
AN2
AN3
AN4
P67
TP61107
TP61108
VR61102
VR61103
S-PHOTO
T-PHOTO
QR60001
IC60005
IC60505
IC60502
IC60006
IC60506
TP60003
TA1/P92
TB1/P93
TA3/TB2/P95
12C CLK
VIT SEL
SRV DATA
SRV CLK
SBC CLK
SBC DATA
FRP
P91
P90
T86
WR
RD
D15–D0
INT TC L 3V
INT LTCR H 3V
IC60101
FLASH ROM
IC60102
RAM
IC60103
RAM
CS2
WE
OE
IC60004
IC60009
FF
IC60014
IC60502
IC60306
RDO
IC60003
DECODER
IC60012
DECODER
A16–A20
A11, A13
A18, A20
IC60013
CS P101
IC60503
A20
A19
IC60501
AV DATA 0-7
EXT. D GATE
IC60504
AV ADRS 6-13
IC60505
AV ADRS 1-5
IC60305
IC60303
IC60304
IC60310
AV DARS
DECODER
IC60308
IC60306
IC60201
CLK 20
S TAB SW
CAS 1
CAS 2
CAS M
CAS DOWN
CAS UP
CAS IN R
CAS IN L
REEL POS 1
REEL POS 2
DEW ON
MECH POS 1
MECH POS 2
MECH POS 3
CL SOL NG
CL SOL ON
CAS DOWN SW
CTL
CTL MUTE
PHOTO LED
CS P100
D0–D7
IA0–IA3
SRL BRK ON
SRL BRK OFF
TRL BRK ON
TRL BRK OFF
PINCH SOL ON
PINCH SOL OFF
M STOP ON
M STOP OFF
FLM ON
LM ON
LD/UNLD
RSM ON
RSM FWD
IC60203
IC60202
IC60204
DEW DET
QR60201
IC60005
IC60006
DEW SENSOR
SUPPLY PHOTO
TAKE-UP PHOTO
MECHANISM MODE SW
SAFETY TAB SW
SERVO
MOTHER
AV SYSCON
DEW ON
S-PHOTO
T-PHOTO
MECHA POS 1
MECHA POS 2
MECHA POS 3
S-TAB SW
+5V
REEL POS 1
REEL POS 2
REEL POSITION SENSOR
CAS UP SENSOR
CAS M SENSOR
CAS DOWN SENSOR
CAS IN (L) SENSOR
CAS IN (R) SENSOR
CAS INL SENSOR
CASSET UP (L)
CASSET MID (H)
CASSET DOWN (H)
CASSET INL (H)
CASSET INR (H)
CASSET 1 (H)
CASSET 2 (H)
CAS UP
CAS MID
CAS DOWN
CAS IN L
CAS IN R
CAS 1
CAS 2
CARRIGE
MOTHER
QR60401–60408
IC60401
M.M
IC60008
IC60402
QR60409–60412
QR60417
QR60420
QR60413
QR60416
IC60306
IC60806
QR60421
IC60403
IC60404
D60404
D60402
D60403
IC60701
SW60701
P70
P71
P73
P74
I CLOCK
I WR
I RD
I RESET
I CS
P36
P01
P03
P16
P04
P35
P41
P40
P00
P34
IC60703
IC60704
QR61001
AV CHARA
IC60592
IC60305
IC60601
NINTX
IC60702
LTC CONT (0-7)
IC60703
TP60605
EVEN
X12
X02
X01
X11
X60602
X60601
X-TAL OSC
IC60309
LTC WR
LTC RD
NWR
NRD
TP60606
IC60506
TP60607
INT 2
INT 1
D5 (0-7)
LTC OUT
LTC IN
IC60608
IC60604
AMP
IC60605
AMP
QR60601
LTC THRU
IC60602
AMP
IC60607
TP60603
TP60602
IC60602
AMP
IC60603
TP60604
IC60506
IC60902
AB (0-11)
ADB (0-7)
D5 (0-7)
A5 (1-10)
CER
OER
R / WR
OEL
R / WL
AIOL
INTL
CEL

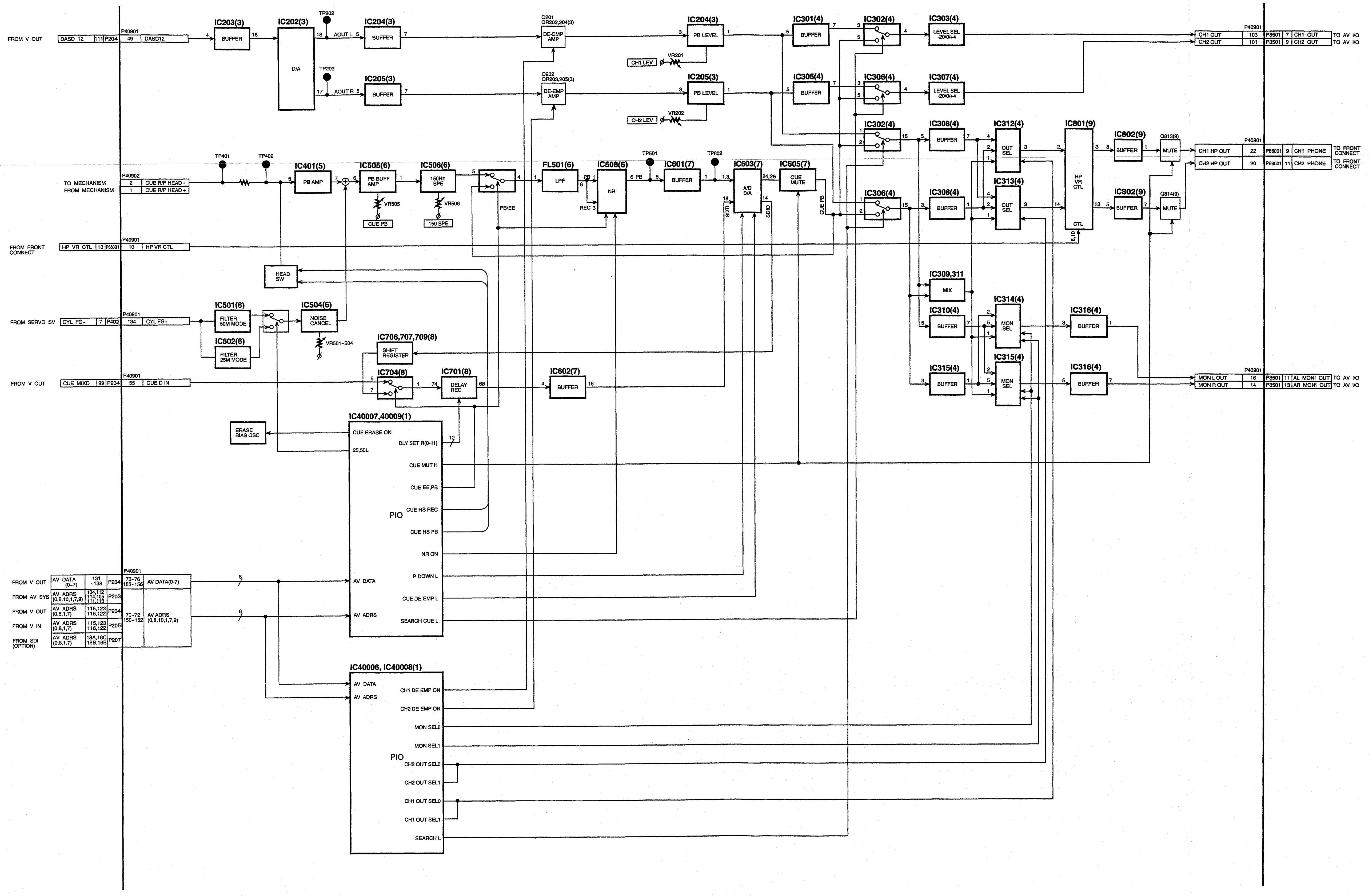

IC60101
FLASH ROM
IC60102
RAM
IC60103
RAM
IC60701
SW60701
IC60601
X-TAL OSC
X60602
X60601
IC60702
LTC CONT (0-7)
QR61001
AV CHARA
IC60703
IC60704
IC60309
IC60306
IC60502
IC60014
IC60006
IC60007
IC60013
LTC WR
LTC RD
TP60605
TP60606
TP60607
TP60608
LTC OUT
LTC IN
LTC THRU
QR60601
IC60609
IC60604
AMP
IC60605
IC60602
IC60603
IC60607
TP60602
TP60603
TP60604
CS P101
IC60501
AV DATA 0-7
D0-D7
EXT. D GATE
IC60504
AV ADRS 6-13
A6-A13
IC60505
AV ADRS 1-5
A1-A5
IC60303
IC60304
IC60305
IC60310
DECODER
IC60308
IC60806
IC60506
QR60421
M.M
IC60403
IC60404
QR60401-60408
IC60401
IC60008
IC60402
QR60409-60412
QR60417
QR60420
QR60413
QR60416
IC60306
D60404
D60402
D60403
IC60902
CER
OER
R/WR
CEL
R/WL
AIOL
INT L
IC60804
IC60805
ADB (8-15)
AB (0-7)
ADB (0-7)
LE
IC60802
ADB (0-15)
AB (16-19)
ASTB
R/W
DSTB
RESET
VPP
IC60807
IC60808
IC60810
RESET
+5V
SW60801
IC61001
CHARACTOR GENERATER
H SYNC
V SYNC
CLK
DATA
STB
PCL
V BLK 1
VC 1
IC60801
SCKS
SO3
TI13
INTP13
OSC
IC60803
IF CHARA ON
INTP111
INTP110
IC61003
IC60703
IC60901
NV RAM
IC60903
NV RAM
IC60904
FLASH ROM
AB (1-13)
AB (1-19)
ADB (0-15)
IC60809
DECODER
AB14
AB15
AB17
AB18
AB19
IC60808
X61001
X-TAL OSC
REAL TIME COUNTER
IC61002
AB (0-7)
AB (1-3)
VDD
IC61004
V OUT
PREEND
B61001
BATT
TP60601
TO130
INTP112
TCLR11
MODE
SW60802
TO 111
INTP110
S02
S12
S10
TCLR11
SCK 2
T 114
TP60814
TP60813
IC60812
MULTI PLEXER
IC60813
IC60816
DIFF. AMP
QR60801
QR60806
QR60804
QR60803
QR60805
AV RESET
DV RESET N
VR SEL
CHECKER
SV LOCK DET
STILL
AUDMET 1 (V LEVEL)
AUDMET 2 (SET UP)
AUDMET 3 (HUE)
AUDMET 4 (C LEVEL)
Y METER
PB METER
PR METER
ANTON RM
LINE
SUPER INPOSE SW
START/STOP
DC IN
SP RECEIVE
SP SEND
KEY RQ
LCD OE
LCD STB
TAPE REMAIN
VTR TALLY
LED 1
LED 2
LED 3
BATTERY ALARM
INPUT CONT A
VTR SAVE
FLASH WRITE L IF
19200
DSWI
232C RXD
INVARID
LCD CLK
LCD DATA
232C TXD
IF FLASH
LTC OUT
R SYNC
LTC IN
CHARA BL
CHARA
CHARA VD
CHARA HD
S BRK ON
S BRK OFF
T BRK ON
T BRK OFF
PINCH ON
PINCH OFF
M STOPPER ON
M STOPPER OFF
R STAND MT FWD
R STAND MT ON
LOAD/UNLOAD
LOAD MOTOR ON
F LOAD M ON
FROM AUDIO 1
FROM V MAIN
TO FRONT MAIN
FROM SERVO 2
FROM SERVO 1
FROM AUDIO 2
FROM DEC & TBV
FROM DEC & TBC/ VIDEO JACK
FROM VIDEO JACK
FROM CAMERA IN 26P
FROM AUDIO JACK
FROM VIDEO JACK
TO VIDEO JACK
TO FRONT MAIN
TO CAMERA IN 26P
TO FRONT MAIN
TO CAMERA IN 26P
FROM DEC & TBC/ VIDEO JACK
TO CAMERA IN 26P
TO/FROM IF FLASH ROM
TO FRONT MAIN
TO/FROM IF FLASH ROM
TO VIDEO JACK
FROM V MAIN
FROM VIDEO JACK
TO V MAIN
FROM V MAIN
TO SERVO 2
P61101
P65002
P61204
P4002

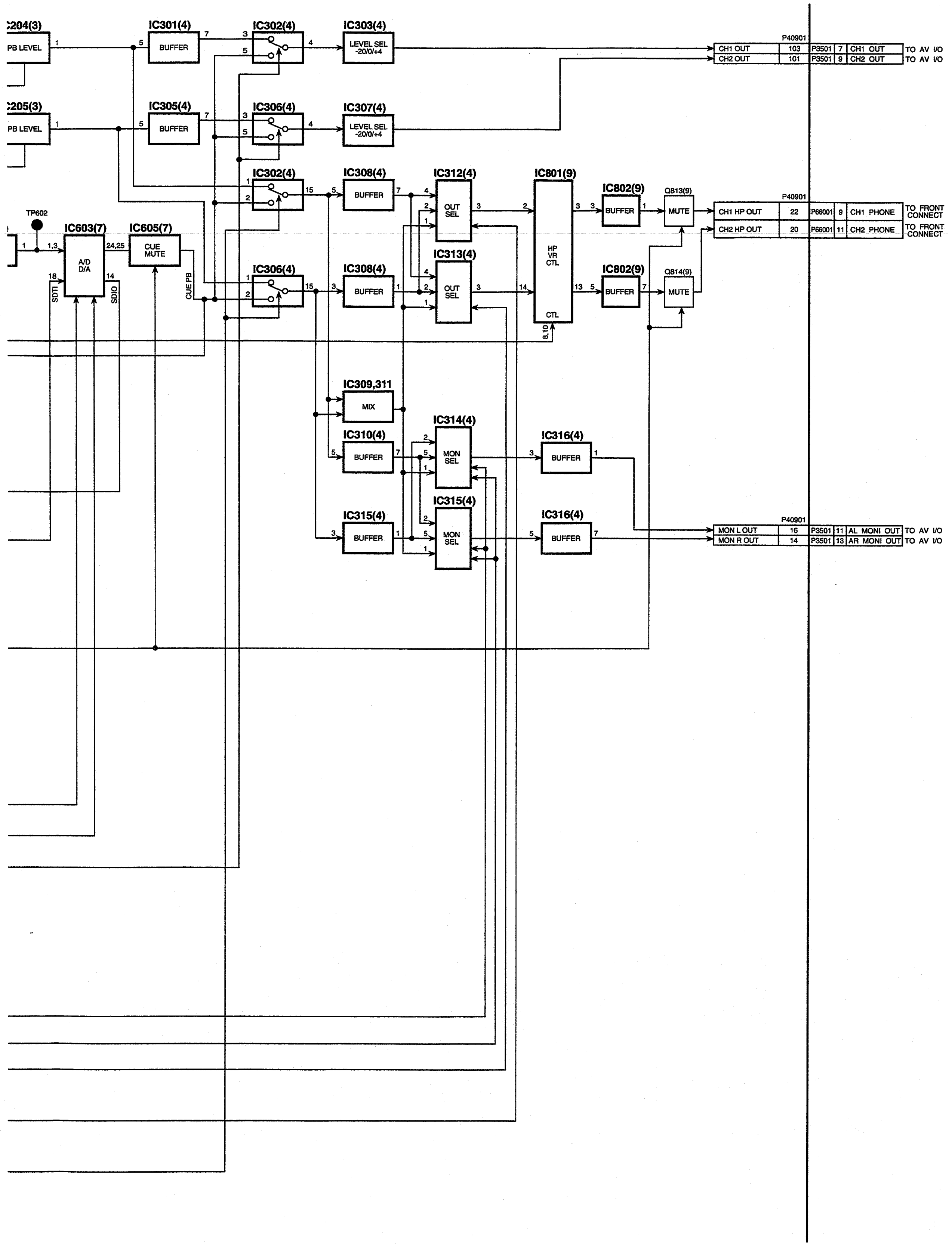
BLK-7

BLK-7

AUDIO BLOCK DIAGRAM

MEM


FROM V OUT
DASD 12
111
P204
P40901
49
DASD12
IC203(3)
BUFFER
IC202(3)
D/A
TP202
AOUT L
TP203
AOUT R
IC204(3)
BUFFER
IC205(3)
BUFFER
Q201
QR202,204(3)
DE-EMP AMP
Q202
QR203,205(3)
DE-EMP AMP
IC204(3)
PB LEVEL
CH1 LEV
VR201
IC205(3)
PB LEVEL
CH2 LEV
VR202
IC301(4)
BUFFER
IC305(4)
BUFFER
IC302(4)
IC306(4)
IC303(4)
LEVEL SEL -20/0/+4
IC307(4)
LEVEL SEL -20/0/+4
CH1 OUT
103
P3501
7
CH1 OUT
TO AV I/O
CH2 OUT
101
P3501
9
CH2 OUT
TO AV I/O
TO MECHANISM
FROM MECHANISM
P40902
2
CUE R/P HEAD -
1
CUE R/P HEAD +
TP401
TP402
IC401(5)
PB AMP
IC505(6)
PB BUFF AMP
VR505
CUE PB
IC506(6)
150Hz BPE
VR506
150 BPE
PB/EE
FL501(6)
LPF
IC508(6)
NR
PB
REC
TP501
IC601(7)
BUFFER
TP602
IC603(7)
A/D D/A
SDTI
SDIO
IC605(7)
CUE MUTE
CUE PB
IC302(4)
IC306(4)
IC308(4)
BUFFER
IC312(4)
OUT SEL
IC313(4)
OUT SEL
IC801(9)
HP VR CTL
CTL
IC802(9)
BUFFER
Q813(9)
MUTE
Q814(9)
MUTE
CH1 HP OUT
22
P66001
9
CH1 PHONE
TO FRONT CONNECT
CH2 HP OUT
20
P66001
11
CH2 PHONE
TO FRONT CONNECT
FROM FRONT CONNECT
HP VR CTL
13
P66001
10
HP VR CTL
HEAD SW
IC309,311
MIX
IC310(4)
BUFFER
IC314(4)
MON SEL
IC315(4)
BUFFER
IC315(4)
MON SEL
IC316(4)
BUFFER
MON L OUT
16
P3501
11
AL MONI OUT
TO AV I/O
MON R OUT
14
P3501
13
AR MONI OUT
TO AV I/O
FROM SERVO SV
CYL FG+
7
P402
134
CYL FG+
IC501(6)
FILTER 50M MODE
IC502(6)
FILTER 25M MODE
IC504(6)
NOISE CANCEL
VR501~504
IC706,707,709(8)
SHIFT REGISTER
FROM V OUT
CUE MIXD
99
P204
55
CUE D IN
IC704(8)
IC701(8)
DELAY REC
IC602(7)
BUFFER
ERASE BIAS OSC
IC40007,40009(1)
CUE ERASE ON
25,50L
DLY SET R(0-11)
CUE MUT H
CUE EE,PB
PIO
CUE HS REC
CUE HS PB
NR ON
AV DATA
P DOWN L
CUE DE EMP L
AV ADRS
SEARCH CUE L
FROM V OUT
AV DATA (0~7)
131 ~138
P204
73~76 153~156
AV DATA(0-7)
FROM AV SYS
AV ADRS (0,8,10,1,7,9)
104,112 114,105 111,113
P203
FROM V OUT
AV ADRS (0,8,1,7)
115,123 116,122
P204
70~72 150~152
AV ADRS (0,8,10,1,7,9)
FROM V IN
AV ADRS (0,8,1,7)
115,123 116,122
P205
FROM SDI (OPTION)
AV ADRS (0,8,1,7)
18A,16C 18B,16B
P207
IC40006, IC40008(1)
AV DATA
AV ADRS
CH1 DE EMP ON
CH2 DE EMP ON
MON SEL0
MON SEL1
PIO
CH2 OUT SEL0
CH2 OUT SEL1
CH1 OUT SEL0
CH1 OUT SEL1
SEARCH L


:204(3)
PB LEVEL
IC301(4)
BUFFER
IC302(4)
IC303(4)
LEVEL SEL -20/0/+4
:205(3)
PB LEVEL
IC305(4)
BUFFER
IC306(4)
IC307(4)
LEVEL SEL -20/0/+4
IC302(4)
IC308(4)
BUFFER
IC312(4)
OUT SEL
IC801(9)
HP VR CTL
CTL
8,10
IC802(9)
BUFFER
Q813(9)
MUTE
TP602
IC603(7)
A/D D/A
SDTI
SDIO
IC605(7)
CUE MUTE
CUE PB
IC306(4)
IC308(4)
BUFFER
IC313(4)
OUT SEL
IC802(9)
BUFFER
Q814(9)
MUTE
IC309,311
MIX
IC310(4)
BUFFER
IC314(4)
MON SEL
IC316(4)
BUFFER
IC315(4)
BUFFER
IC315(4)
MON SEL
IC316(4)
BUFFER
P40901
CH1 OUT 103 P3501 7 CH1 OUT TO AV I/O
CH2 OUT 101 P3501 9 CH2 OUT TO AV I/O
P40901
CH1 HP OUT 22 P66001 9 CH1 PHONE TO FRONT CONNECT
CH2 HP OUT 20 P66001 11 CH2 PHONE TO FRONT CONNECT
P40901
MON L OUT 16 P3501 11 AL MONI OUT TO AV I/O
MON R OUT 14 P3501 13 AR MONI OUT TO AV I/O

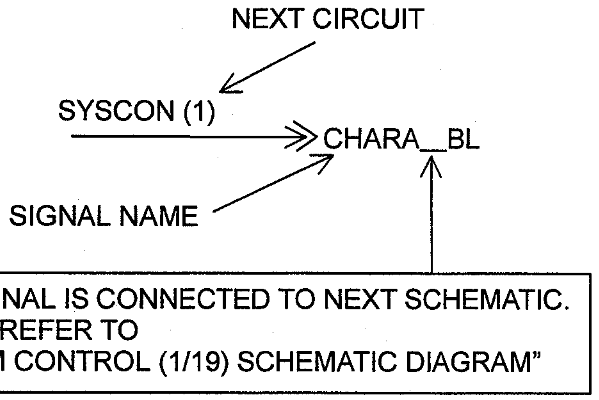
MEMO

SECTION 6

SCHEMATIC DIAGRAMS

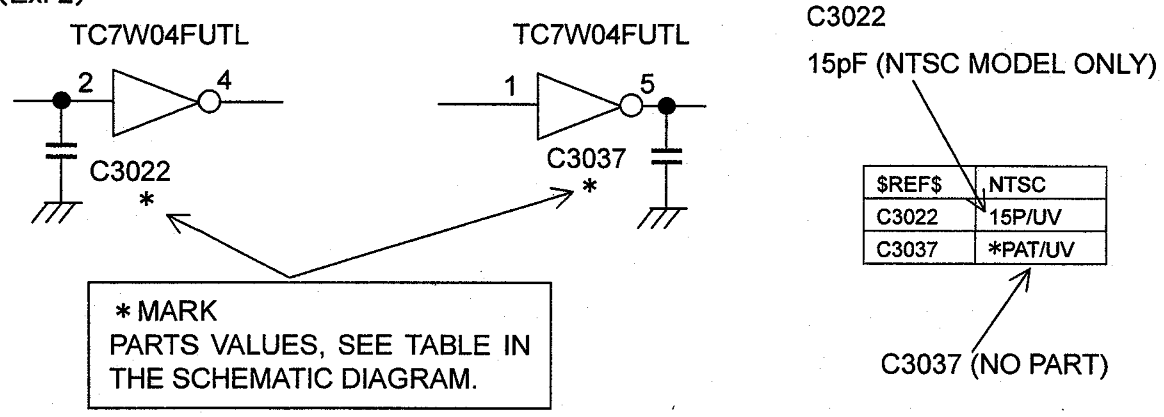
NOTE

(Ex. 1)


NEXT CIRCUIT
SYSCON (1)
CHARA_BL
SIGNAL NAME

THIS SIGNAL IS CONNECTED TO NEXT SCHEMATIC.
PLEASE REFER TO
"SYSTEM CONTROL (1/19) SCHEMATIC DIAGRAM"

(Ex. 2)


TC7W04FUTL
2
4
C3022
*
TC7W04FUTL
1
5
C3037
*
C3022
15pF (NTSC MODEL ONLY)
C3037 (NO PART)

REF	NTSC
C3022	15P/UV
C3037	*PAT/UV

* MARK
PARTS VALUES, SEE TABLE IN
THE SCHEMATIC DIAGRAM.

IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY THE SAME TYPE.

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR OEDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST, AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

CONTENTS

INTERCONNECTION SCM001
MOTHER SCM002
MOTHER SCM003
MOTHER SCM004
POWER 1 .... SCM005
POWER 1 .... SCM006
POWER 1 SUB SCM007
POWER 2 .... SCM008
POWER 2 .... SCM009
POWER 2 .... SCM010
POWER 3 .... SCM011
POWER 3 .... SCM012
POWER CONNECT SCM013
SERVO (REEL SERVO MICON) SCM014
SERVO (MICON-CYL CAP) SCM015
SERVO (CAP & CYL FG AMP) SCM016
SERVO (REEL SERVO DRIVE) SCM017
SERVO (CAP/CYL DRIVE) SCM018
SERVO (REEL SERVO SW POWER) SCM019
SERVO (CTL AMP) SCM020
SERVO (FRAME CTL) SCM021
SERVO (REEL SERVO FG AMP) SCM022
SERVO (CONNECT) SCM023
SERVO (MECHA IF) SCM024
SERVO (BRAKE & PINCH) SCM025
SERVO (LOADNG) SCM026
SERVO (ATF) SCM027
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VIDEO I/O (CONNECTOR) SCM029
VIDEO I/O (Y/C SEP) SCM030
VIDEO I/O (SYNC SEP) SCM031
VIDEO I/O (C DECORDER) SCM032
VIDEO I/O (CF DET) SCM033
VIDEO I/O (BUFF OSC) SCM034
VIDEO I/O (Y OUT) SCM035
VIDEO I/O (ENCODER) SCM036
VIDEO I/O (HUE CONT) SCM037
VIDEO I/O (VIDEO OUT) SCM038
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VIDEO I/O (CADC) SCM040
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AUDIO (INPUT) SCM043
AUDIO (DA) SCM044
AUDIO (OUTPUT) SCM045
AUDIO (CUE-1) SCM046
AUDIO (CUE 2) SCM047
AUDIO (CUE ADDA) SCM048
AUDIO (CUE-DLY) SCM049
AUDIO (HP) SCM050
AUDIO (CONNECT) SCM051
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AV I/O (OUTPUT BUF) SCM054
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RF AMP (REC L CH) SCM058

RF AMP (REC R CH) SCM059
RF AMP (HA PRE EQ ENV Lch) SCM060
RF AMP (HA PRE EQ ENV Rch) SCM061
RF AMP (AGC EQ A/D VITERBI Lch) SCM062
RF AMP (AGC EQ A/D VITERBI Rch) SCM063
RF AMP (EVR) SCM064
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AV SYSCON (ROM) SCM068
AV SYSCON (PIO) SCM069
AV SYSCON (5V & DPR IF) SCM070
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AV SYSCON (BUS IF) SCM072
AV SYSCON (LTC) SCM073
AV SYSCON (PIO 1) SCM074
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REC PB (IN PLL) SCM081
REC PB (PRE PROC) SCM082
REC PB (SHUF MEM) SCM083
REC PB (CAS) SCM084
REC PB (FORM 1) SCM085
REC PB (EDA CONNECT) SCM086
REC PB (FORM 2) SCM087
REC PB (M16 CONNECT) SCM088
REC PB (OUT BUFFER) SCM089
REC PB (EDA A) SCM090
REC PB (EDA B) SCM091
V IN (CONNECT) SCM092
V IN (INPUT SEL) SCM093
V IN (135M PLL) SCM094
V IN (TBC CTRL) SCM095
V IN (TBC) SCM096
V IN (OUT BUFFER) SCM097
V IN (VIDEO DATA) SCM098
V IN (SYS IF) SCM099
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V OUT (IN BUFFER) SCM101
V OUT (IN DATA SEL) SCM102
V OUT (TBC W PLD) SCM103
V OUT (TBC) SCM104
V OUT (TBC R PLD) SCM105
V OUT (TBC ANG MEM) SCM106
V OUT (D/A) SCM107
V OUT (TBC SDI MEM) SCM108
V OUT (SG 1) SCM109
V OUT (SG 2) SCM110
V OUT (SG 3) SCM111
V OUT (SG 4) SCM112
V OUT (A PROC IO BUFF) SCM113
V OUT (A PROC CLK BUF) SCM114
V OUT (A PROC CNT) SCM115
V OUT (A PROC SIO DLY) SCM116
V OUT (A PROC TBC DLY) SCM117
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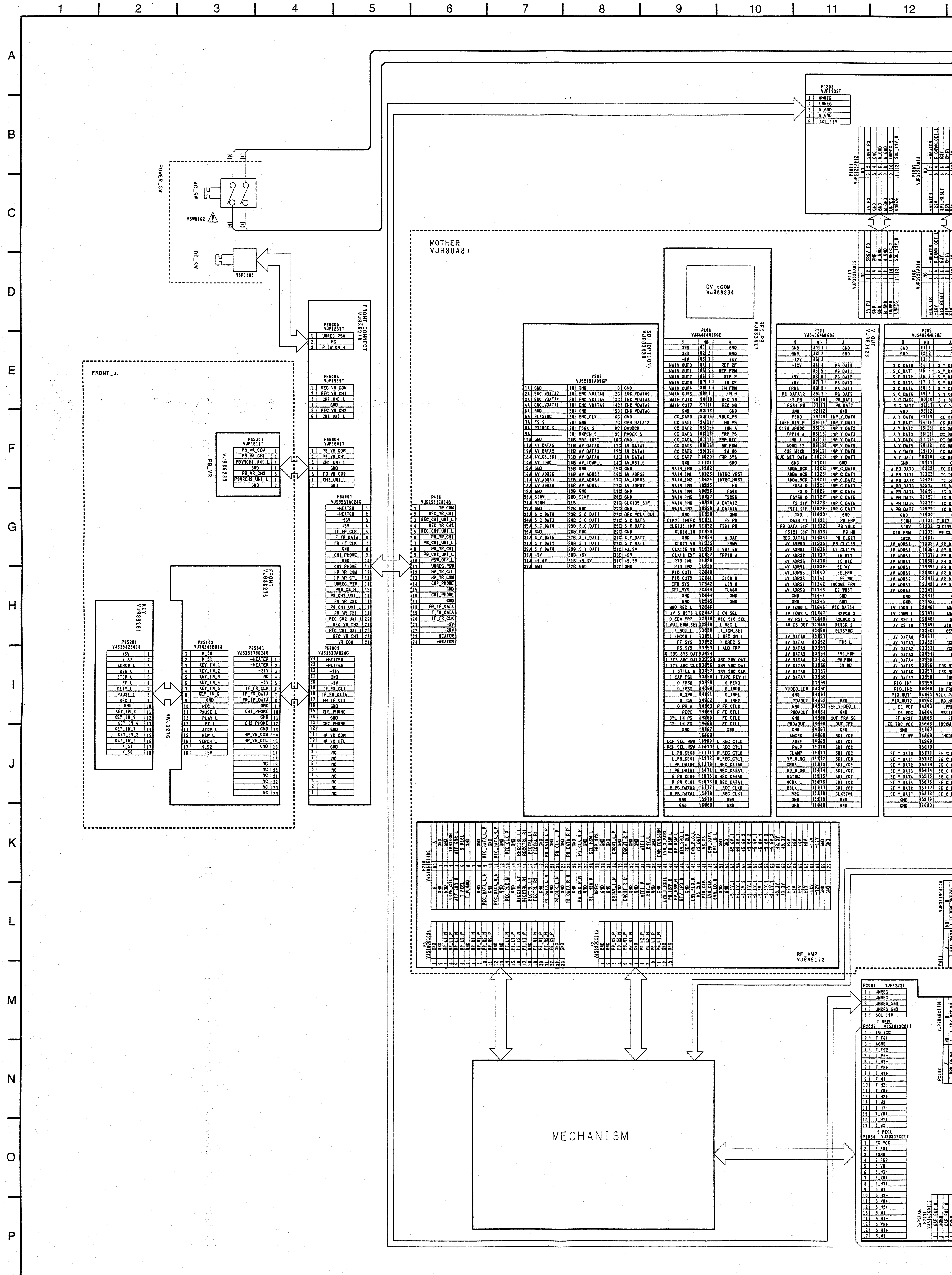
REAR JACK SCM119
REAR JACK SCM120
AUDIO JACK SCM121
DV uCOM SCM122
FRONT (1) SCM123
FRONT (2) SCM124
FRONT CONNECT SCM125
KEY SCM126
PB VR SCM127
CARRIGE SCM128


POWER_SW
AC_SW
VSW0162
DC_SW
VSP1105
FRONT_u.
KEY
VJB86281
P65281
VWJ1276
FRONT
VJB86276
P65103
P65001
PB_VR
VJB86283
P65301
FRONT_CONNECT
VJB86278
P66005
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P406
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VJB80A87
SDI(OPTION)
VJB83430
P267
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VJB83427
DV_uCOM
VJB88234
P206
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P1803
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P108
P208
P3
P2
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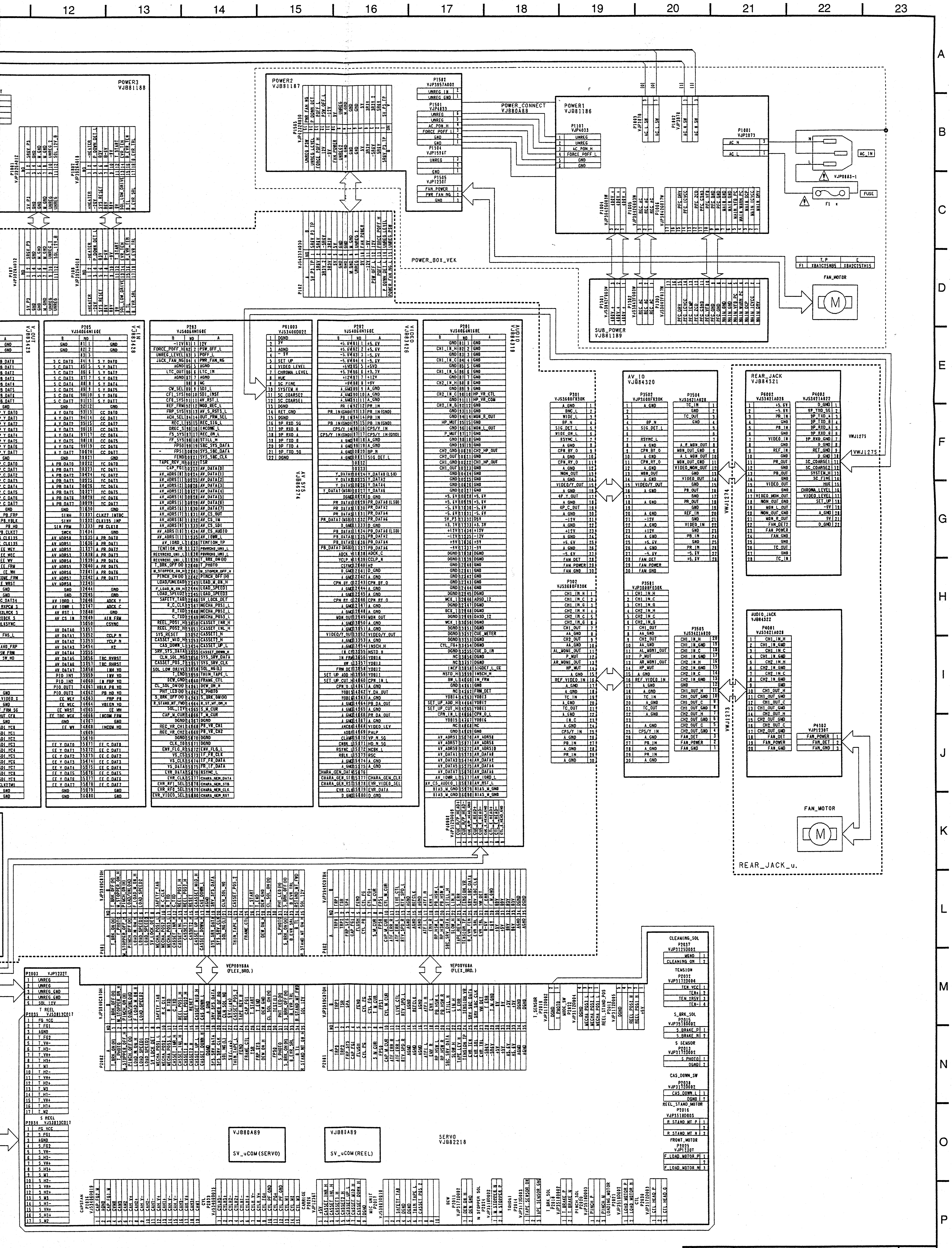
VJB85172
MECHANISM
P2003
T REEL
P1035
S REEL
P1034
CAPSTAN
P2036
P2002
P101

⚠ 警 告 ⚠ 印の部品は、安全上重要な部品です。
安全及び性能維持のため必ず指定の部品

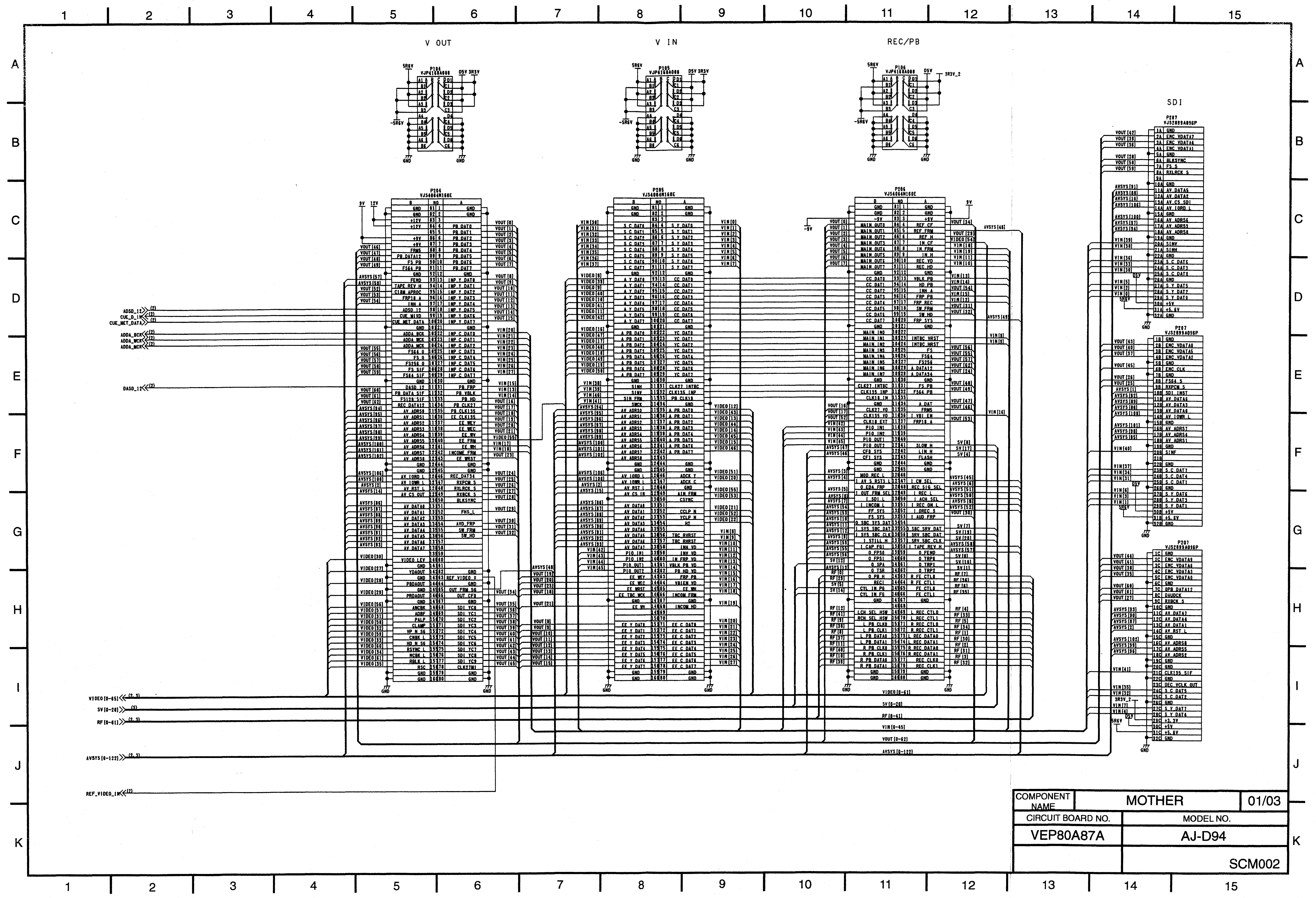

POWER3 VJB81188
POWER2 VJB81187
POWER_CONNECT VJB80A88
POWER1 VJB81186
POWER_BOX_VEK
SUB_POWER VJB81189
FAN_MOTOR
V_OUT VJB83429
V_IN VJB83428
AV_SYS VJB86274
VIDEO VJB83426
AUDIO VJB84319
AV_IO VJB84320
REAR_JACK VJB84321
AUDIO_JACK VJB84322
REAR_JACK_u.
VWJ1273
VWJ1274
VWJ1275
VEP00Y68A (FLEX_BRD.)
VJB80A89 SV_uCOM(SERVO)
VJB80A89 SV_uCOM(REEL)
SERVO VJB82218
CAPSTAN
CYL
CARRIGE
MIC UNIT
DEW
M STOPPER SOL
TOHO(A)
T_BRK_SOL
PINCH_SOL
LOADING_MOTOR
CTL
T_SENSOR
MODE_SW
REEL_STAND_POS
CLEANING_SOL
TENSION
S_BRK_SOL
S SENSOR
CAS_DOWN_SW
REEL_STAND_MOTOR
FRONT_MOTOR
T REEL
S REEL
FUSE
AC_IN
F1

品は、安全上重要な部品です。交換するときは、
び性能維持のため必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

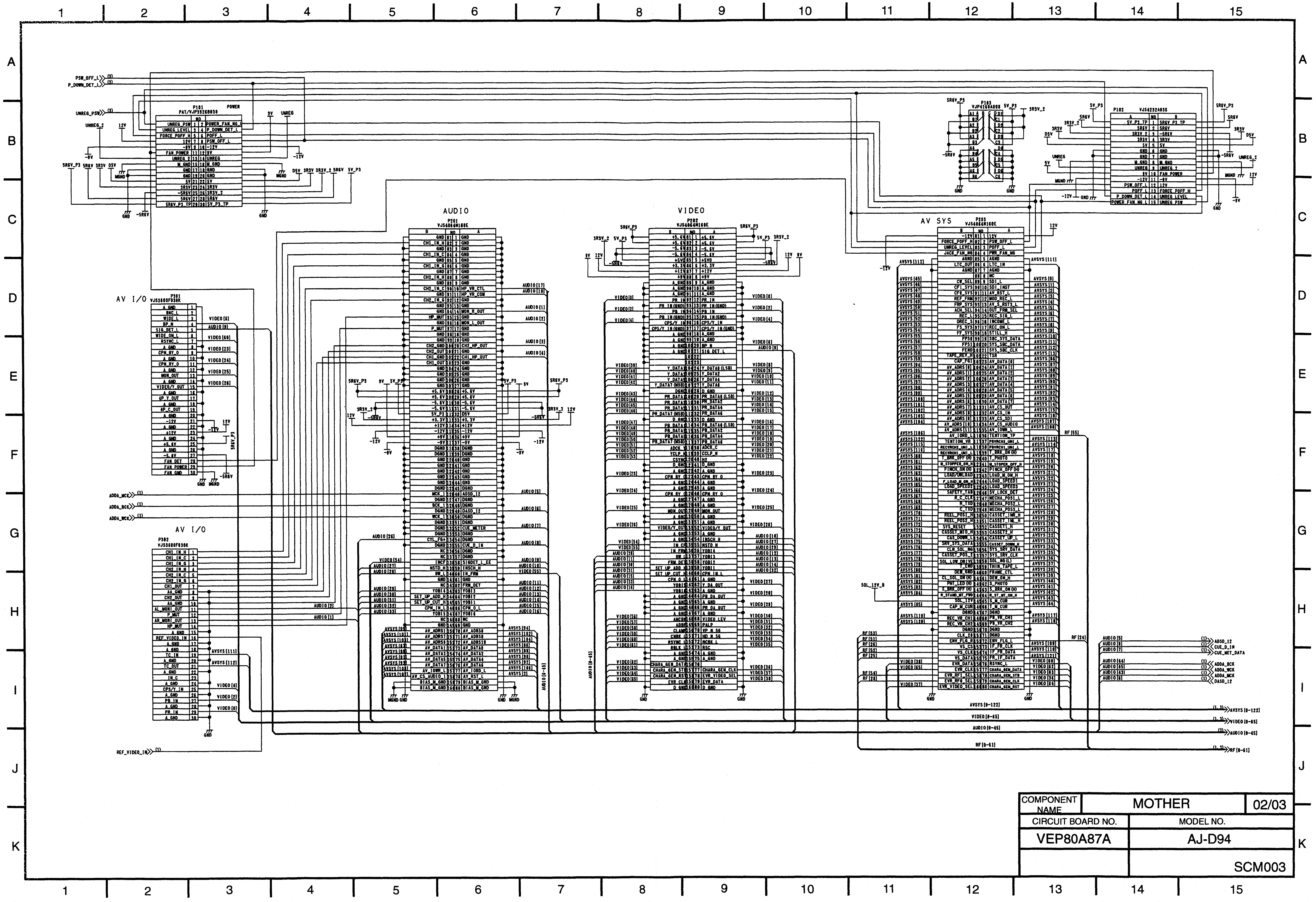
COMPONENT NAME	INTERCONNECTION	01/01
CIRCUIT BOARD NO.	MODEL NO.	
	AJ-D94	

SCM001


V OUT
V IN
REC/PB
SDI
P104
VJP4168A008
P105
VJP4168A008
P106
VJP4168A008
P204
VJS4064M160E
P205
VJS4064M160E
P206
VJS4064M160E
P207
VJS2899A096P
5R6V
-5R6V
D5V
3R3V
3R3V_2
9V
12V
-9V
GND
ADSD_12
CUE_D_IN
CUE_MET_DATA
ADDA_BCK
ADDA_WCK
ADDA_MCK
DASD_12
VIDEO[0-65]
SV[0-20]
RF[0-61]
VIN[0-45]
VOUT[0-62]
AVSYS[0-122]
REF_VIDEO_IN

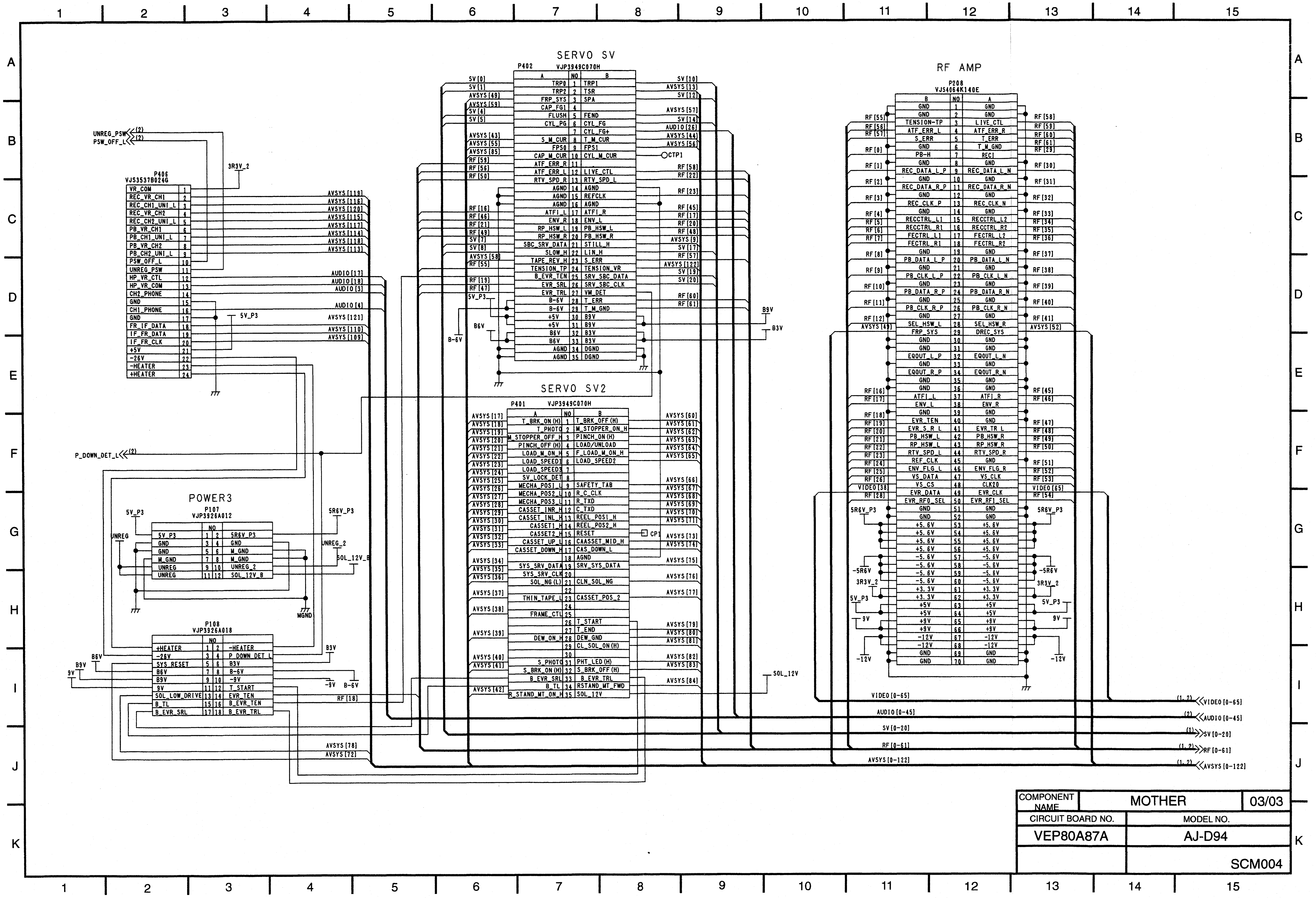
COMPONENT NAME	MOTHER	01/03
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A87A	AJ-D94	
	SCM002	

VIDE-V26967 / DRUCK11

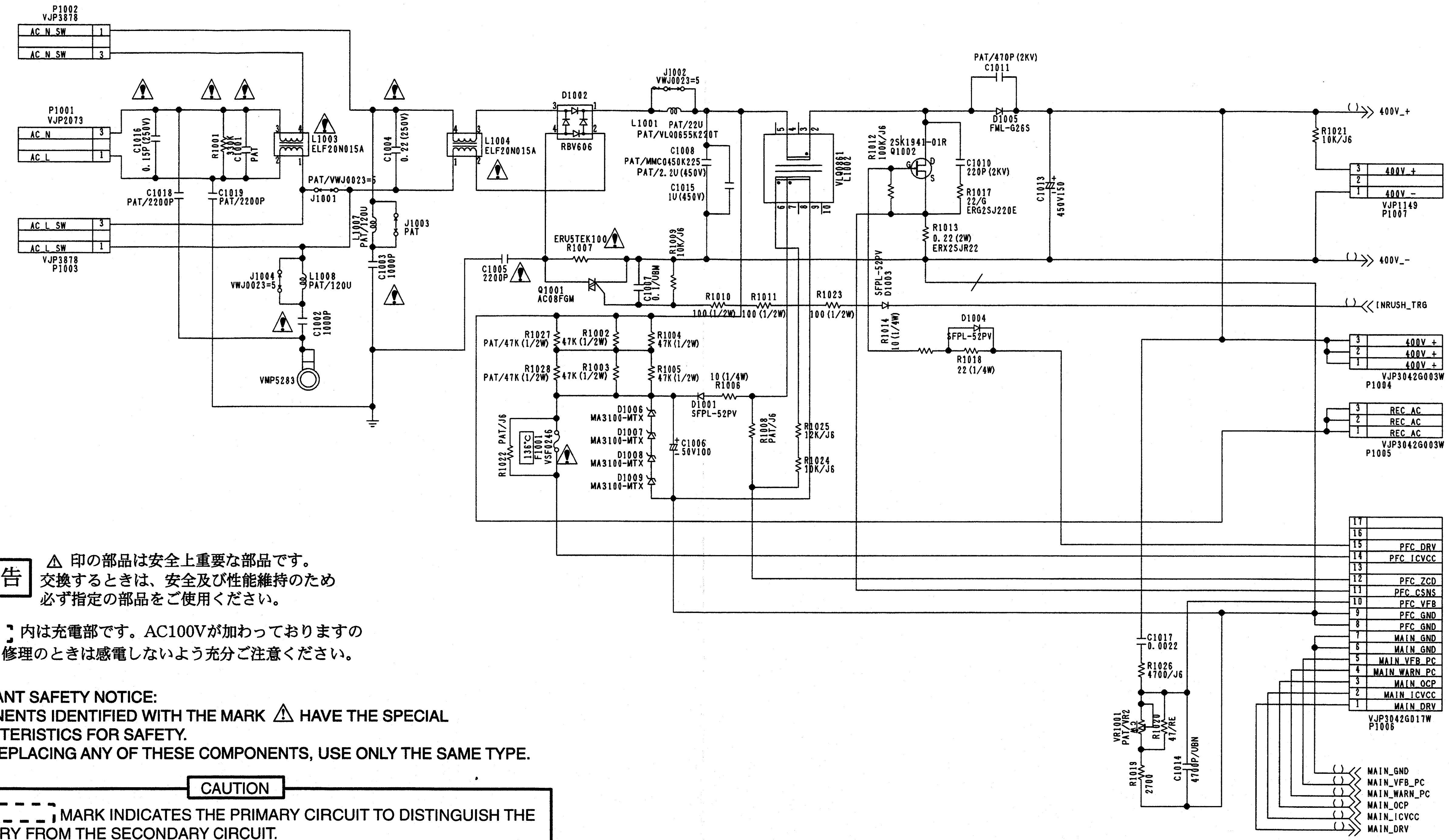

AUDIO
VIDEO
AV SYS
AV I/O
AV I/O
P101
PAT/VJP3926B030
POWER
P103
VJP4166A008
P102
VJS4232A030
P201
VJS4066M100E
P202
VJS4066M100E
P203
VJS4066M100E
P301
VJS3600F030K
P302
VJS3600F030K
PSW_OFF_L
P_DOWN_DET_L
UNREG_PSW
ADDA_MCK
REF_VIDEO_IN
AVSYS [0-122]
VIDEO [0-65]
AUDIO [0-45]
RF [0-61]
ADSD_12
CUE_D_IN
CUE_MET_DATA
ADDA_BCK
ADDA_WCK
DASD_12
GND
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

COMPONENT NAME	MOTHER	02/03
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A87A	AJ-D94	
	SCM003	

VIDE-V26967 / DRUCK12


SERVO SV
P402 VJP3949C070H
SERVO SV2
P401 VJP3949C070H
RF AMP
P208 VJS4064K140E
P406 VJS3537B024G
POWER3
P107 VJP3926A012
P108 VJP3926A018
UNREG_PSW
PSW_OFF_L
P_DOWN_DET_L
3R3V_2
5V_P3
5R6V_P3
B9V
B3V
B6V
B-6V
9V
SOL_12V
CTP1
CP1
MGND
VIDEO [0-65]
AUDIO [0-45]
SV [0-20]
RF [0-61]
AVSYS [0-122]

COMPONENT NAME	MOTHER	03/03
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A87A	AJ-D94	
	SCM004	


P1002
VJP3878
AC_N_SW
AC_N_SW
P1001
VJP2073
AC_N
AC_L
AC_L_SW
AC_L_SW
VJP3878
P1003
C1016
0.15P(250V)
R1001
330K
C1001
PAT
L1003
ELF20N015A
C1018
PAT/2200P
C1019
PAT/2200P
PAT/VWJ0023=5
J1001
C1004
0.22(250V)
L1004
ELF20N015A
D1002
RBV606
L1007
PAT/120U
J1003
PAT
J1004
VWJ0023=5
L1008
PAT/120U
C1003
1000P
C1002
1000P
VMP5283
J1002
VWJ0023=5
L1001 PAT/22U
PAT/VLQ0655K220T
C1008
PAT/MMC0450K225
PAT/2.2U(450V)
C1015
1U(450V)
ERU5TEK100
R1007
C1005
2200P
Q1001
AC08FGM
C1007
0.1/UBN
R1009
10K/J6
R1010
100(1/2W)
R1011
100(1/2W)
R1023
100(1/2W)
L1002
VLQ0861
R1012
100K/J6
2SK1941-01R
Q1002
PAT/470P(2KV)
C1011
D1005
FML-G26S
C1010
220P(2KV)
R1017
22/G
ERG2SJ220E
C1013
450V150
R1013
0.22(2W)
ERX2SJR22
SFPL-52PV
D1003
R1014
10(1/4W)
D1004
SFPL-52PV
R1018
22(1/4W)
R1021
10K/J6
400V_+
400V +
400V -
VJP1149
P1007
400V_-
INRUSH_TRG
R1027
PAT/47K(1/2W)
R1002
47K(1/2W)
R1004
47K(1/2W)
R1028
PAT/47K(1/2W)
R1003
47K(1/2W)
R1005
47K(1/2W)
10(1/4W)
R1006
D1001
SFPL-52PV
D1006
MA3100-MTX
D1007
MA3100-MTX
D1008
MA3100-MTX
D1009
MA3100-MTX
C1006
50V100
R1022 PAT/J6
135°C
F1001
VSF0246
R1008
PAT/J6
R1025
12K/J6
R1024
10K/J6
400V +
400V +
400V +
VJP3042G003W
P1004
REC_AC
REC_AC
REC_AC
VJP3042G003W
P1005
PFC_DRV
PFC_ICVCC
PFC_ZCD
PFC_CSNS
PFC_VFB
PFC_GND
PFC_GND
MAIN_GND
MAIN_GND
MAIN_VFB_PC
MAIN_WARN_PC
MAIN_OCP
MAIN_ICVCC
MAIN_DRV
VJP3042G017W
P1006
C1017
0.0022
R1026
4700/J6
VR1001
PAT/VR2
R1020
47/RE
C1014
4700P/UBN
R1019
2700
MAIN_GND
MAIN_VFB_PC
MAIN_WARN_PC
MAIN_OCP
MAIN_ICVCC
MAIN_DRV

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため
必ず指定の部品をご使用ください。

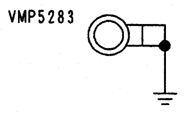
┌ ─ ─ ─ ┐ 内は充電部です。AC100Vが加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

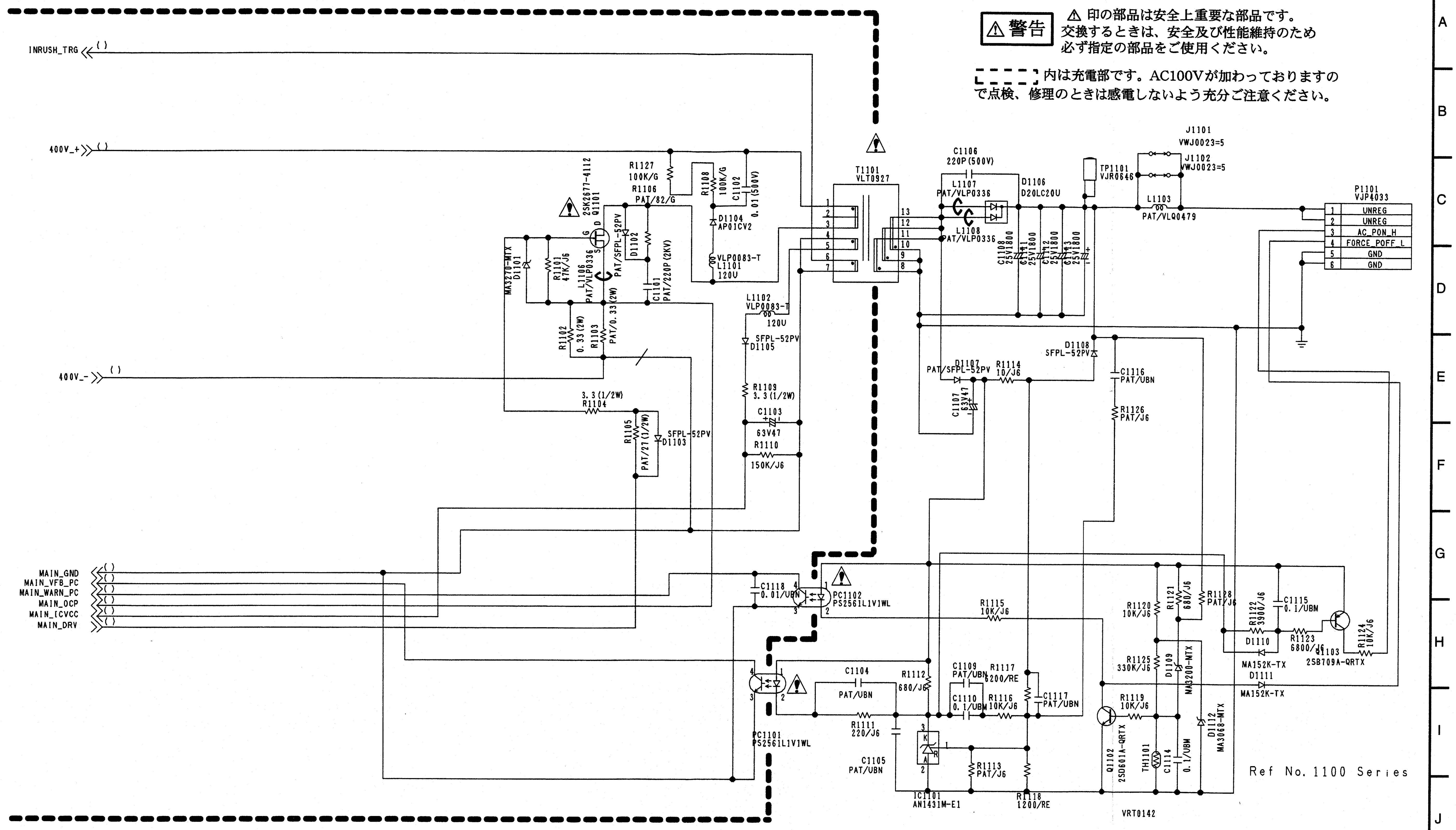
CAUTION

THE ┌ ─ ─ ─ ┐ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

Ref No. 1000 Series



COMPONENT NAME	POWER 1	01/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP81203A	AJ-D94	
	SCM005	


INRUSH_TRG
400V_+
400V_-
MAIN_GND
MAIN_VFB_PC
MAIN_WARN_PC
MAIN_OCP
MAIN_ICVCC
MAIN_DRV
2SK2677-4112
Q1101
G
D
S
MA3270-MTX
D1101
R1101
47K/J6
L1106
PAT/VLP0336
PAT/SFPL-52PV
D1102
R1127
100K/G
R1106
PAT/82/G
C1101
PAT/220P (2KV)
R1108
100K/G
C1102
0.01 (500V)
D1104
AP01CV2
VLP0083-T
L1101
120U
R1102
0.33 (2W)
R1103
PAT/0.33 (2W)
3.3 (1/2W)
R1104
R1105
PAT/27 (1/2W)
SFPL-52PV
D1103
L1102
VLP0083-T
120U
SFPL-52PV
D1105
R1109
3.3 (1/2W)
C1103
63V47
R1110
150K/J6
T1101
VLT0927
C1106
220P (500V)
L1107
PAT/VLP0336
L1108
PAT/VLP0336
D1106
D20LC20U
C1108
25V1800
C1111
25V1800
C1112
25V1800
C1113
25V1800
TP1101
VJR0646
J1101
VWJ0023=5
J1102
VWJ0023=5
L1103
PAT/VLQ0479
P1101
VJP4033
1 UNREG
2 UNREG
3 AC_PON_H
4 FORCE_POFF_L
5 GND
6 GND
D1107
PAT/SFPL-52PV
C1107
63V47
R1114
10/J6
D1108
SFPL-52PV
C1116
PAT/UBN
R1126
PAT/J6
C1118
0.01/UBN
PC1102
PS2561L1V1WL
PC1101
PS2561L1V1WL
C1104
PAT/UBN
R1111
220/J6
C1105
PAT/UBN
R1112
680/J6
C1109
PAT/UBN
C1110
0.1/UBM
R1116
10K/J6
R1117
6200/RE
C1117
PAT/UBN
IC1101
AN1431M-E1
K
A
R
R1113
PAT/J6
R1118
1200/RE
R1115
10K/J6
R1120
10K/J6
R1121
680/J6
R1128
PAT/J6
R1125
330K/J6
D1109
MA3200-MTX
R1119
10K/J6
Q1102
2SD601A-QRTX
TH1101
C1114
0.1/UBM
D1112
MA3068-MTX
VRT0142
R1122
3900/J6
C1115
0.1/UBM
D1110
MA152K-TX
D1111
MA152K-TX
R1123
6800/J6
Q1103
2SB709A-QRTX
R1124
10K/J6
Ref No. 1100 Series

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため
必ず指定の部品をご使用ください。

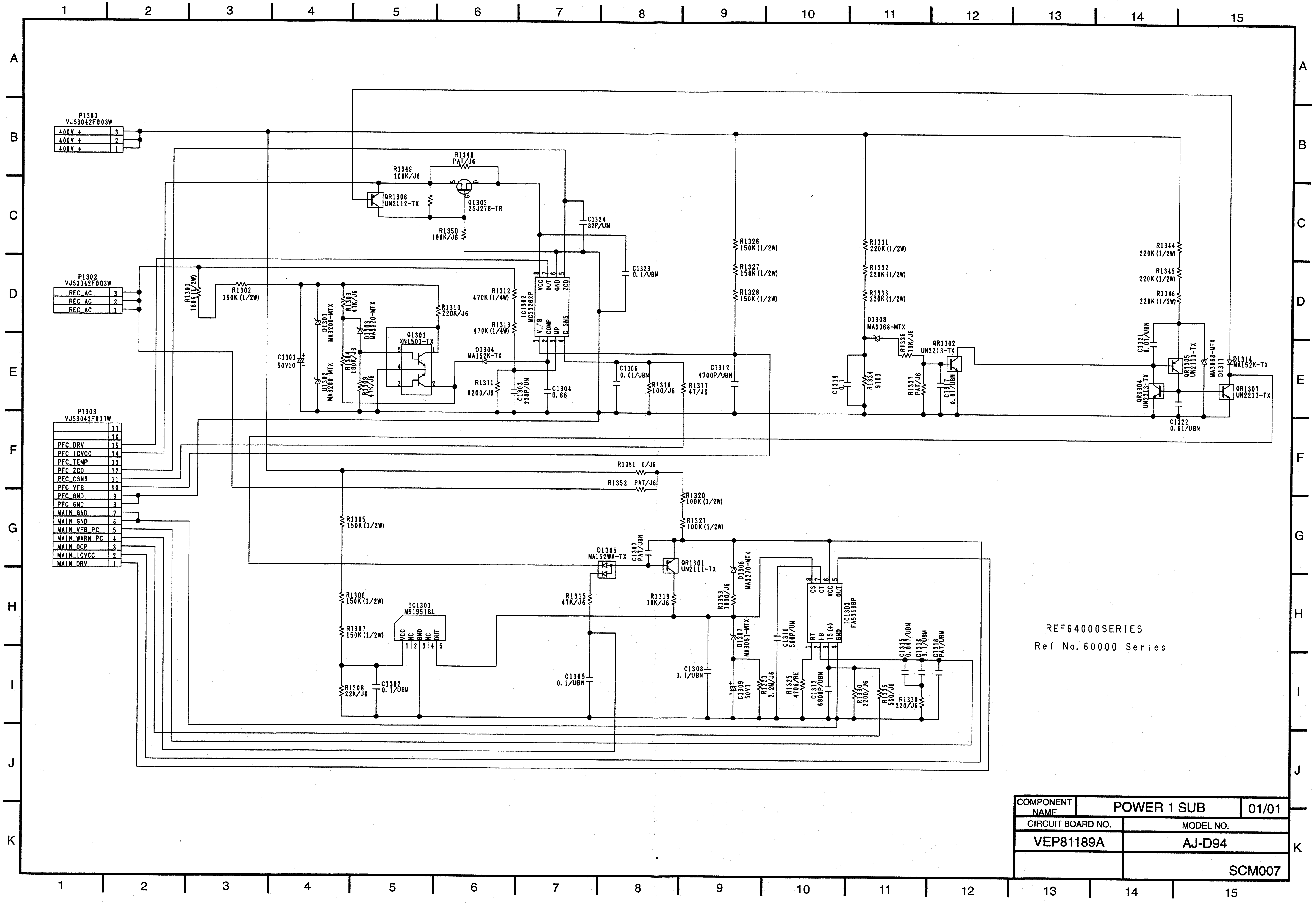
[- - -] 内は充電部です。AC100Vが加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。

CAUTION

THE [- - -] MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

COMPONENT NAME	POWER 1	02/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP81203A	AJ-D94	
	SCM006	


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K
P1301
VJS3042F003W
400V +
400V +
400V +
3
2
1
P1302
VJS3042F003W
REC_AC
REC_AC
REC_AC
P1303
VJS3042F017W
17
16
PFC_DRV 15
PFC_ICVCC 14
PFC_TEMP 13
PFC_ZCD 12
PFC_CSNS 11
PFC_VFB 10
PFC_GND 9
PFC_GND 8
MAIN_GND 7
MAIN_GND 6
MAIN_VFB_PC 5
MAIN_WARN_PC 4
MAIN_OCP 3
MAIN_ICVCC 2
MAIN_DRV 1
R1348
PAT/J6
R1349
100K/J6
QR1306
UN2112-TX
Q1303
2SJ278-TR
S
D
G
R1350
100K/J6
C1324
82P/UN
C1323
0.1/UBM
R1301
150K(1/2W)
R1302
150K(1/2W)
C1301
50V10
D1301
MA3200-MTX
D1302
MA3200-MTX
R1303
47K/J6
D1303
MA3120-MTX
R1304
100K/J6
R1309
47K/J6
Q1301
XN1501-TX
R1310
220K/J6
R1312
470K(1/4W)
R1313
470K(1/4W)
IC1302
MC33262P
VCC
OUT
GND
ZCD
V_FB
COMP
MP
C_SNS
D1304
MA152K-TX
R1311
8200/J6
C1303
220P/UN
C1304
0.68
C1306
0.01/UBN
R1316
100/J6
R1317
47/J6
C1312
4700P/UBN
R1326
150K(1/2W)
R1327
150K(1/2W)
R1328
150K(1/2W)
R1331
220K(1/2W)
R1332
220K(1/2W)
R1333
220K(1/2W)
D1308
MA3068-MTX
R1336
10K/J6
QR1302
UN2213-TX
C1314
0.1
R1334
9100
R1337
PAT/J6
C1317
0.01/UBN
R1344
220K(1/2W)
R1345
220K(1/2W)
R1346
220K(1/2W)
C1321
0.01/UBN
QR1305
UN2113-TX
MA3068-MTX
D1311
D1314
MA152K-TX
QR1304
UN2213-TX
QR1307
UN2213-TX
C1322
0.01/UBN
R1351 0/J6
R1352 PAT/J6
R1320
100K(1/2W)
R1321
100K(1/2W)
R1305
150K(1/2W)
R1306
150K(1/2W)
R1307
150K(1/2W)
R1308
22K/J6
C1302
0.1/UBM
IC1301
M51951BL
VCC
NC
GND
NC
OUT
D1305
MA152WA-TX
C1307
PAT/UBN
QR1301
UN2111-TX
R1315
47K/J6
R1319
10K/J6
C1305
0.1/UBN
D1306
MA3270-MTX
R1353
1000/J6
D1307
MA3051-MTX
C1308
0.1/UBN
C1309
50V1
R1323
2.2M/J6
C1310
560P/UN
R1325
4700/RE
IC1303
FA5311BP
CS
CT
VCC
OUT
RT
FB
IS(+)
GND
C1313
6800P/UBN
R1330
2200/J6
R1335
560/J6
R1338
220/J6
C1315
0.047/UBN
C1316
0.1/UBM
C1318
PAT/UBM

REF64000SERIES

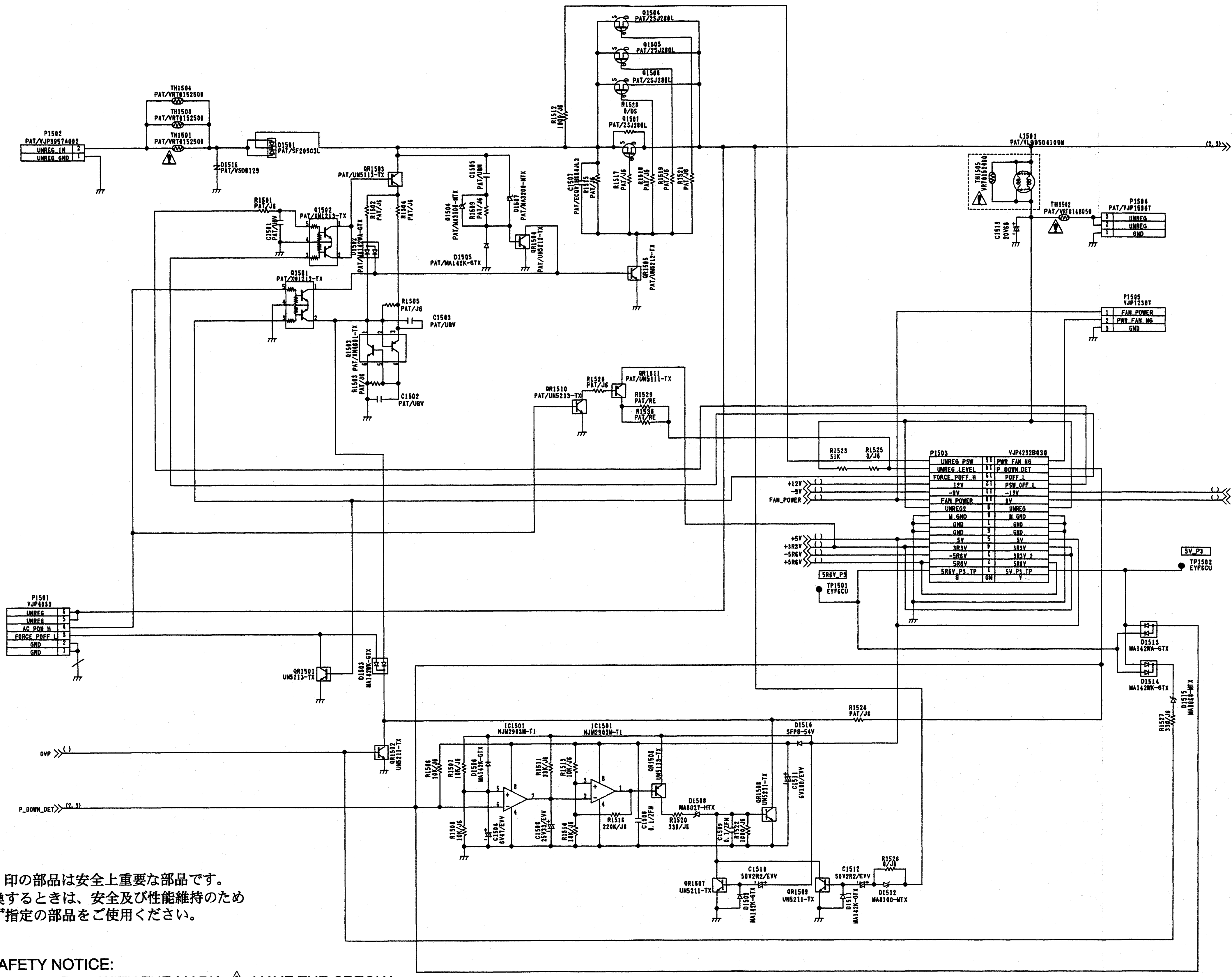
Ref No.60000 Series

COMPONENT NAME: POWER 1 SUB 01/01

CIRCUIT BOARD NO.: VEP81189A

MODEL NO.: AJ-D94

SCM007


P1502
PAT/VJP3057A002
UNREG IN
UNREG GND
TH1504
TH1503
TH1501
D1501
PAT/SF205C3L
D1516
L1501
(2,3) UNREG
TH1505
TH1502
P1504
PAT/VJP1596T
UNREG
UNREG
GND
P1505
VJP1230T
FAN POWER
PWR FAN NG
GND
Q1504
PAT/2SJ280L
Q1505
PAT/2SJ280L
Q1506
PAT/2SJ280L
Q1507
PAT/2SJ280L
P1503
VJP4232B030
UNREG PSW
UNREG LEVEL
FORCE POFF H
12V
-9V
FAN POWER
UNREG2
M GND
GND
GND
5V
3R3V
-5R6V
5R6V
5R6V P3 TP
PWR FAN NG
P DOWN DET
POFF L
PSW OFF L
-12V
9V
UNREG
M GND
GND
GND
5V
3R3V
3R3V 2
5R6V
5V P3 TP
+12V
-9V
FAN_POWER
-12V
+9V
+5V
+3R3V
-5R6V
+5R6V
5V_P3
TP1502
EYF6CU
5R6V_P3
TP1501
EYF6CU
P1501
VJP4033
UNREG
UNREG
AC PON H
FORCE POFF L
GND
GND
QR1501
UN5213-TX
OVP
P_DOWN_DET (2,3)
IC1501
NJM2903M-T1
IC1501
NJM2903M-T1
D1510
SFPB-54V
R1524
PAT/J6
D1513
MA142WA-GTX
D1514
MA142WK-GTX

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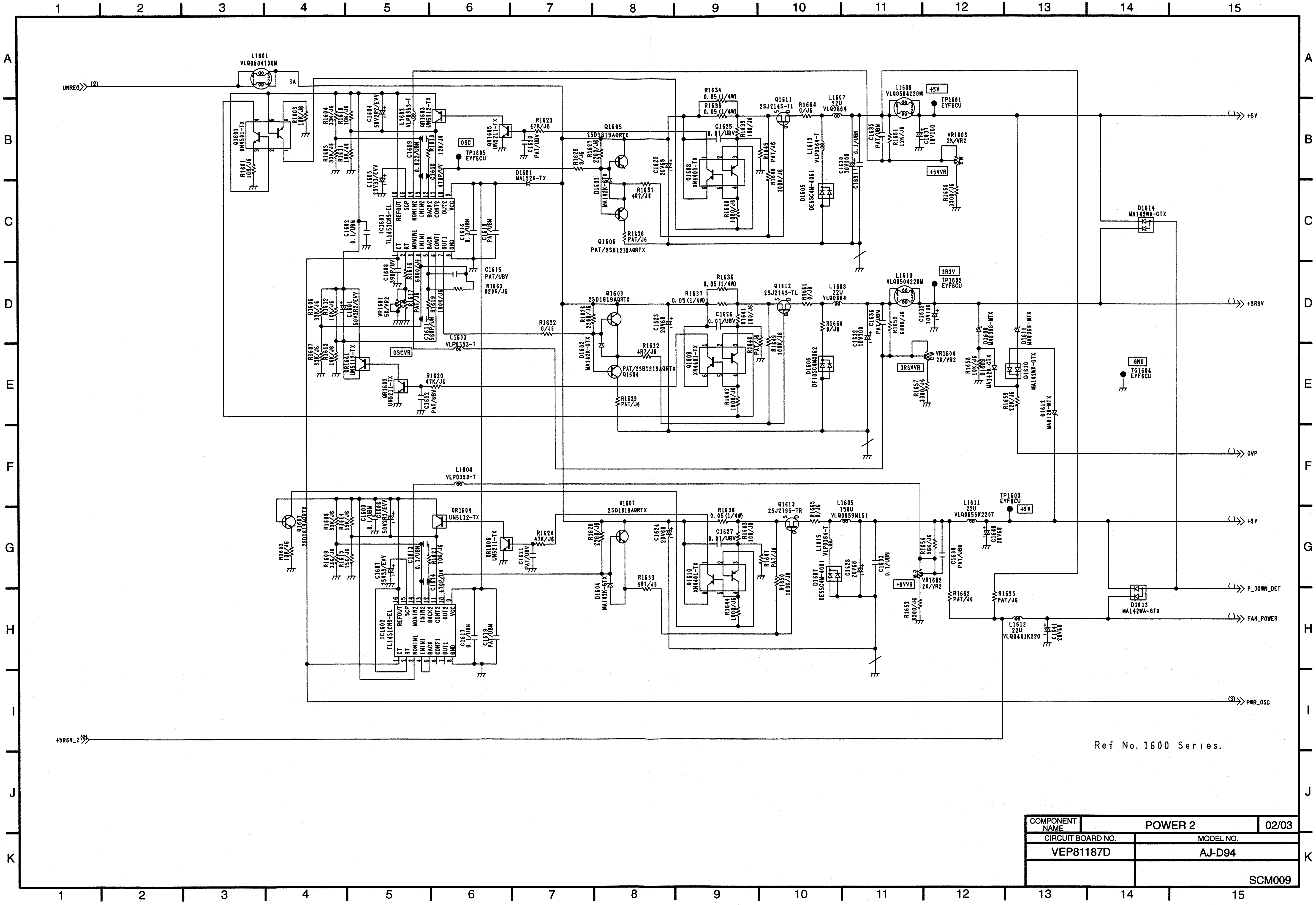
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL
CHARACTERISTICS FOR SAFETY.
WHEN REOLACING ANY OF THESE COMONENTS.
USE ONLY THE SAME TYPE.

Ref No. 1500 Series.

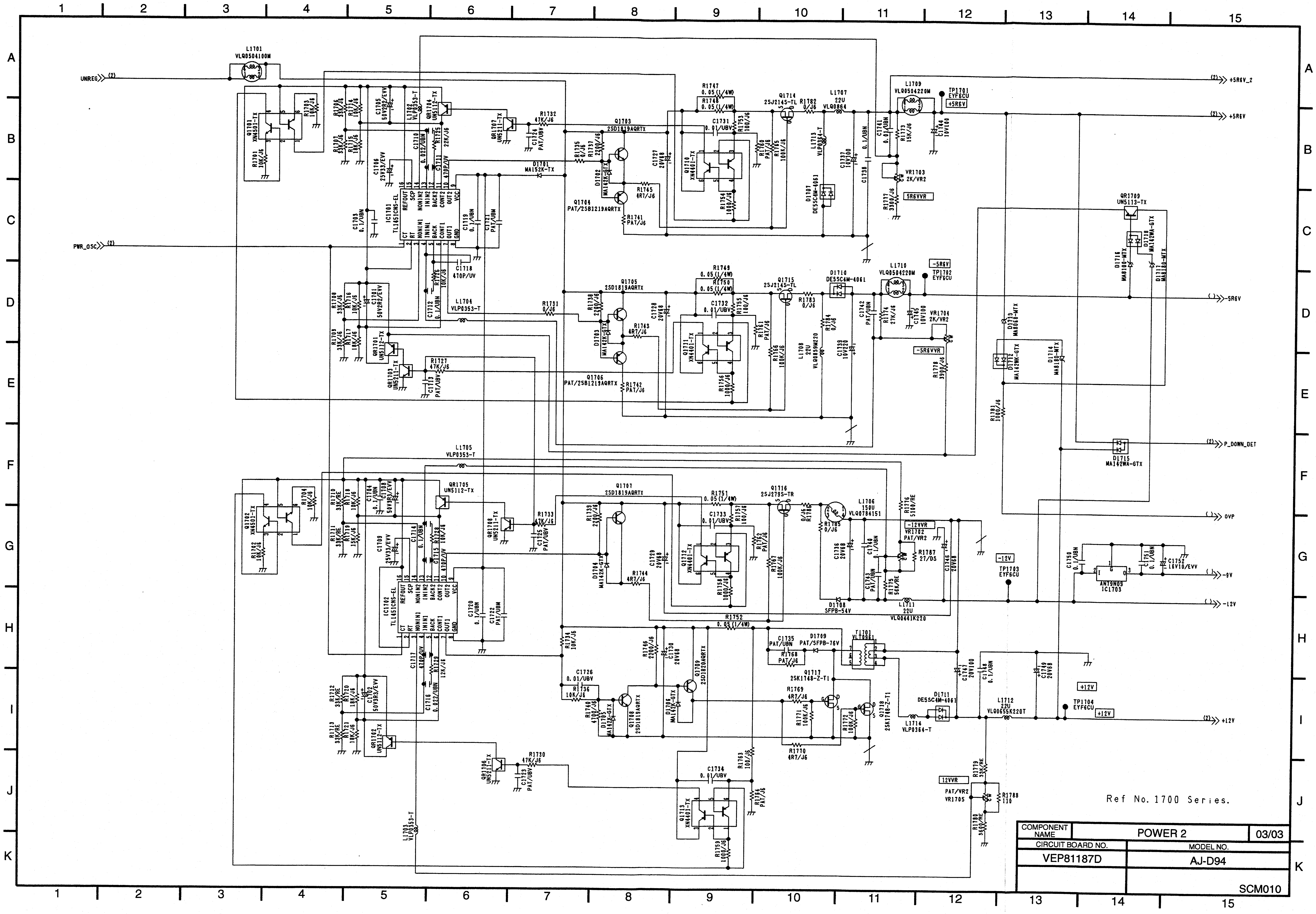
COMPONENT NAME	POWER 2	01/03
CIRCUIT BOARD NO.	MODEL NO.	
VEP81187D	AJ-D94	
	SCM008	


UNREG (2)
L1601 VLQ0504100M
3A
Q1601 XN4501-TX
R1601 10K/J6
R1603 10K/J6
R1604 33K/J6
R1605 33K/J6
C1604 50V2R2/EVV
L1602 VLP0353-T
QR1603 UN5112-TX
QR1605 UN5211-TX
R1623 47K/J6
C1620 PAT/UBV
OSC
TP1605 EYF6CU
C1605 25V33/EVV
C1609 0.022/UBN
R1618 12K/J6
C1610 470P/UV
D1601 MA152K-TX
IC1601 TL1451CNS-EL
C1602 0.1/UBN
C1616 0.1/UBN
C1618 PAT/UBN
C1608 390P/UV
R1616 6800/J6
C1615 PAT/UBV
R1663 820K/J6
VR1601 5K/VR2
R1617 PAT/J6
R1619 180K/J6
C1611 560P/UN
R1606 33K/J6
R1612 10K/J6
C1601 50V2R2/EVV
R1607 33K/J6
R1613 18K/J6
QR1601 UN5112-TX
L1603 VLP0353-T
OSCVR
QR1602 UN5211-TX
R1620 47K/J6
C1612 PAT/UBV
Q1605 2SD1819AQRTX
R1625 0/J6
R1627 2200/J6
D1603 MA142K-GTX
C1622 20V68
R1631 4R7/J6
R1630 PAT/J6
Q1606 PAT/2SB1219AQRTX
R1634 0.05(1/4W)
R1635 0.05(1/4W)
C1625 0.01/UBV
R1639 100/J6
Q1608 XN4401-TX
R1640 1000/J6
R1645 PAT/J6
R1648 100K/J6
Q1611 2SJ214S-TL
R1664 0/J6
L1607 22U VLQ0864
L1613 VLP0364-T
D1605 DE5SC4M-4061
C1630 10V100
C1631 0.1/UBN
L1609 VLQ0504220M
+5V
TP1601 EYF6CU
C1635 PAT/UBN
R1651 12K/J6
C1637 10V100
VR1603 2K/VR2
+5VVR
R1656 3300/J6
+5V
D1614 MA142WA-GTX
Q1603 2SD1819AQRTX
R1622 0/J6
R1626 2200/J6
D1602 MA142K-GTX
C1623 20V68
R1632 4R7/J6
Q1604 PAT/2SB1219AQRTX
R1629 PAT/J6
R1636 0.05(1/4W)
R1637 0.05(1/4W)
C1626 0.01/UBV
R1641 100/J6
Q1609 XN4401-TX
R1642 1000/J6
R1646 PAT/J6
R1649 100K/J6
Q1612 2SJ214S-TL
R1661 0/J8
L1608 22U VLQ0864
R1660 0/J8
D1606 DF10SC4M4062
C1632 10V100
C1636 PAT/UBN
R1652 6800/J6
L1610 VLQ0504220M
3R3V
TP1602 EYF6CU
C1639 10V100
VR1604 2K/VR2
3R3VVR
R1657 3300/J6
R1658 10K/J6
D1608 MA8068-MTX
D1609 MA142K-GTX
D1610 MA142WK-GTX
D1611 MA8068-MTX
R1659 22K/J6
D1612 MA8120-MTX
+3R3V
GND
TG1604 EYF6CU
OVP
L1604 VLP0353-T
Q1602 2SD1819AQRTX
R1602 10K/J6
R1608 33K/J6
R1614 15K/J6
C1603 0.1/UBN
C1606 50V2R2/EVV
QR1604 UN5112-TX
R1609 33K/J6
R1615 15K/J6
C1607 25V33/EVV
C1613 0.1/UBN
R1621 10K/J6
C1614 470P/UV
IC1602 TL1451CNS-EL
C1617 0.1/UBN
C1619 PAT/UBN
QR1606 UN5211-TX
R1624 47K/J6
C1621 PAT/UBV
Q1607 2SD1819AQRTX
R1628 2200/J6
C1624 20V68
D1604 MA142K-GTX
R1633 4R7/J6
R1638 0.05(1/4W)
C1627 0.01/UBV
R1643 100/J6
Q1610 XN4401-TX
R1644 1000/J6
R1647 PAT/J6
R1650 100K/J6
Q1613 2SJ279S-TR
R1665 0/J6
L1605 150U VLQ0859M151
L1615 VLP0364-T
D1607 DE5SC4M-4061
C1628 20V68
C1634 0.1/UBN
+9VVR
R1653 8200/J6
R1654 56K/J6
VR1602 2K/VR2
C1638 PAT/UBN
R1662 PAT/J6
L1611 22U VLQ0655K220T
TP1603 EYF6CU
+9V
C1640 20V68
R1655 PAT/J6
L1612 22U VLQ0441K220
C1641 20V68
D1613 MA142WA-GTX
+9V
P_DOWN_DET
FAN_POWER
(3) PWR_OSC
+5R6V_2 (2)
REFOUT SCP NONIN2 ININ2 BACK2 CONT2 OUT2 VCC
CT RT NONIN1 ININ1 BACK CONT1 OUT1 GND
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 1600 Series.

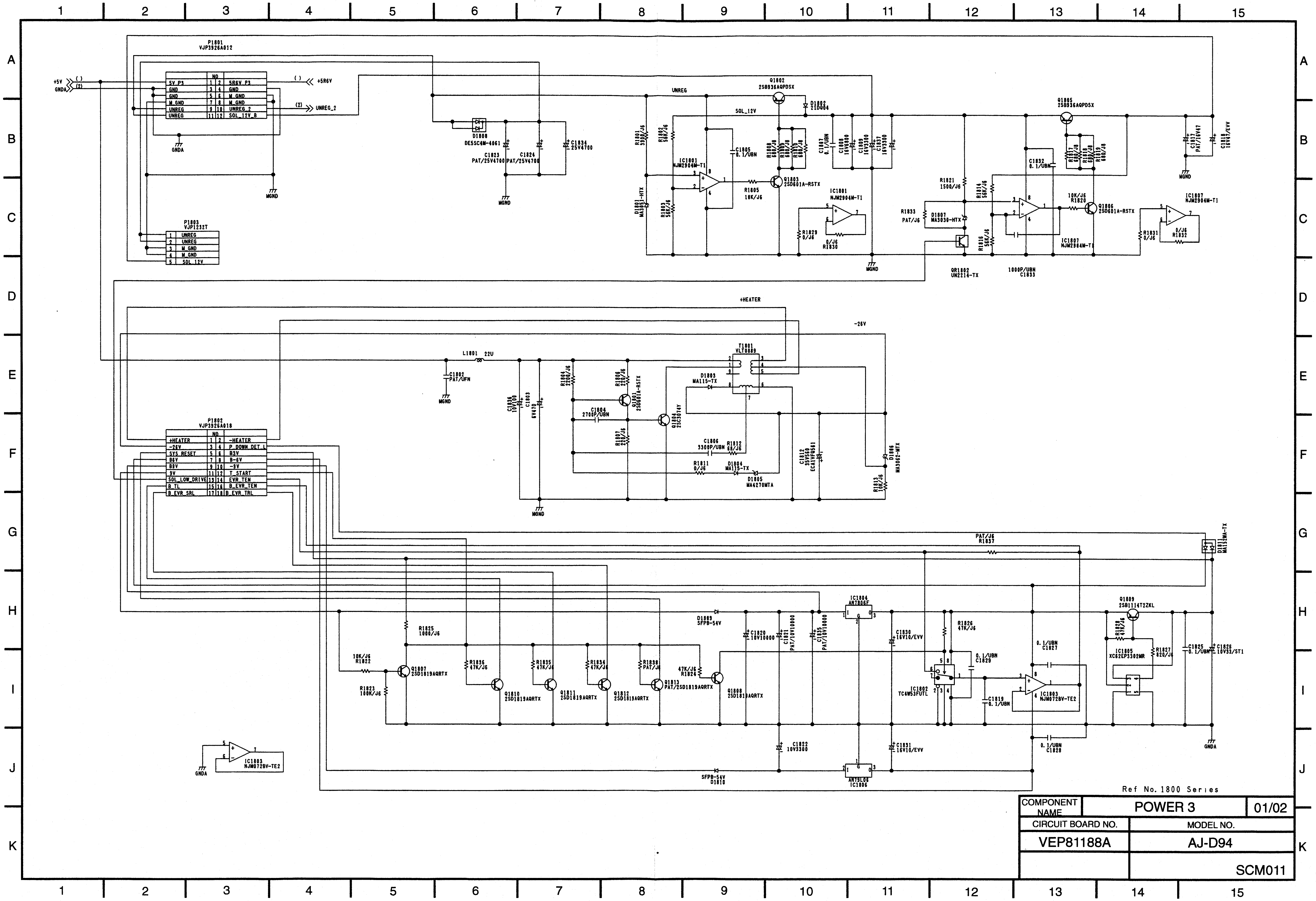
COMPONENT NAME	POWER 2	02/03
CIRCUIT BOARD NO.	MODEL NO.	
VEP81187D	AJ-D94	
	SCM009	

/IDE-V26967 / DRUCK18


UNREG (2)
PWR_OSC (2)
L1701 VLQ0504100M
Q1701 XN4501-TX
IC1701 TL1451CNS-EL
IC1702 TL1451CNS-EL
Q1703 2SD1819AQRTX
Q1704 PAT/2SB1219AQRTX
Q1705 2SD1819AQRTX
Q1706 PAT/2SB1219AQRTX
Q1707 2SD1819AQRTX
Q1708 2SD1819AQRTX
Q1709 2SD1820AQRTX
Q1714 2SJ214S-TL
Q1715 2SJ214S-TL
Q1716 2SJ279S-TR
Q1717 2SK1748-Z-T1
Q1718 2SK1748-Z-T1
L1707 22U VLQ0864
L1709 VLQ0504220M
L1710 VLQ0504220M
L1706 150U VLQ0784151
L1711 22U VLQ0441K220
L1712 22U VLQ0655K220T
T1701 VLT0961
TP1701 EYF6CU +5R6V
TP1702 EYF6CU -5R6V
TP1703 EYF6CU -12V
TP1704 EYF6CU +12V
VR1703 2K/VR2 5R6VVR
VR1704 2K/VR2 -5R6VVR
VR1702 PAT/VR2 -12VVR
VR1705 PAT/VR2 12VVR
QR1709 UN5113-TX
D1715 MA142WA-GTX
IC1703 AN79N09
(2) +5R6V_2
(2) +5R6V
( ) -5R6V
(2) P_DOWN_DET
( ) OVP
( ) -9V
( ) -12V
(2) +12V
Ref No. 1700 Series.

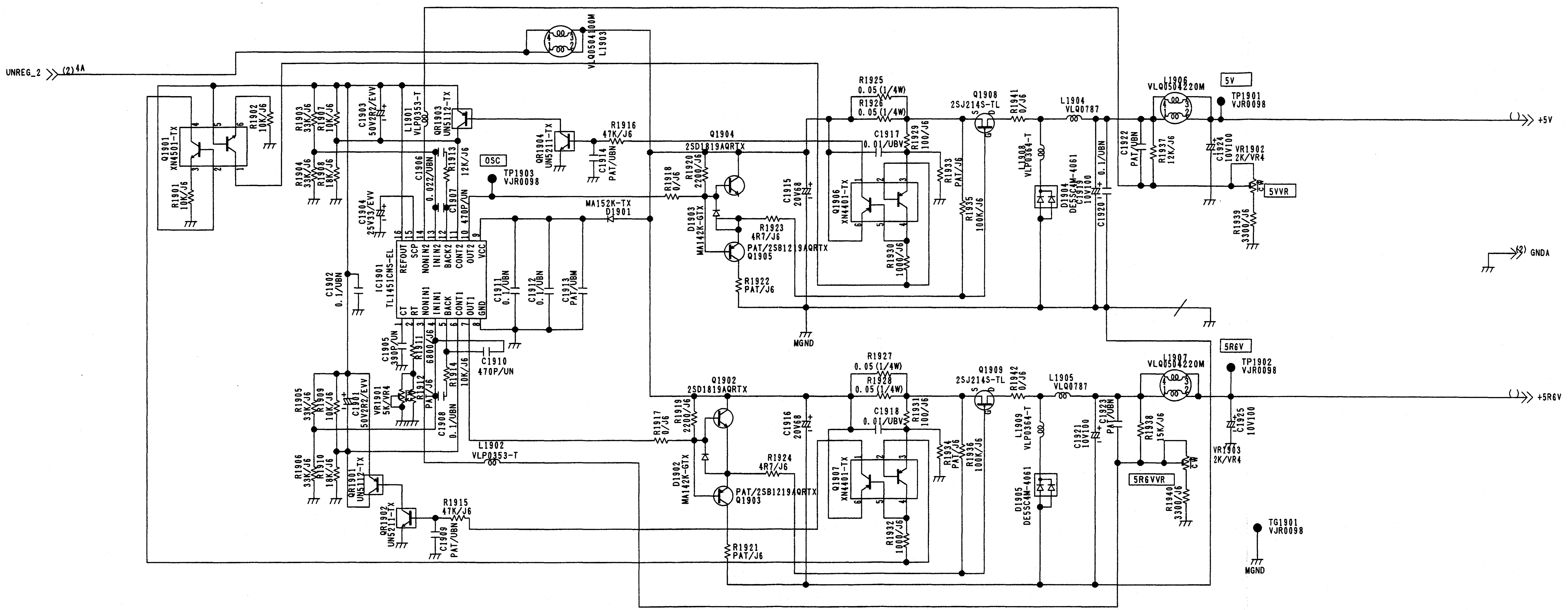
COMPONENT NAME	POWER 2	03/03
CIRCUIT BOARD NO.	MODEL NO.	
VEP81187D	AJ-D94	

SCM010


P1801
VJP3926A012
+5V
GNDA
5V_P3
GND
M_GND
UNREG
SR6V_P3
UNREG_2
SOL_12V_B
+5R6V
UNREG_2
GNDA
MGND
D1808
DE5SC4M-4061
C1823
PAT/25V4700
C1824
PAT/25V4700
C1834
25V4700
P1803
VJP1232T
UNREG
M_GND
SOL_12V
UNREG
SOL_12V
Q1802
2SB936AQPDSX
D1802
21D4D4
R1801
3300/J6
R1802
56K/J6
IC1801
NJM2904M-T1
C1805
0.1/UBN
R1805
10K/J6
Q1803
2SD601A-RSTX
D1801
MA3051-HTX
R1803
56K/J6
R1808
R1809
R1810
680/J6
C1807
0.1/UBN
C1808
16V6800
C1809
16V3300
C1837
16V3300
IC1801
NJM2904M-T1
R1829
0/J6
R1830
0/J6
MGND
Q1805
2SB936AQPDSX
C1832
0.1/UBN
R1817
R1818
R1819
680/J6
R1821
1500/J6
R1814
56K/J6
R1833
PAT/J6
D1807
MA3030-HTX
R1816
56K/J6
QR1802
UN2214-TX
C1833
1000P/UBN
R1820
10K/J6
Q1806
2SD601A-RSTX
IC1807
NJM2904M-T1
R1831
0/J6
R1832
0/J6
IC1807
NJM2904M-T1
C1817
PAT/16V47
C1818
16V47/EVV
+HEATER
-26V
L1801 22U
C1802
PAT/UFN
MGND
T1801
VLT0889
C1836
10V1000
C1803
6V470
R1804
2200/J6
R1806
220/J6
Q1801
2SD601A-RSTX
C1804
2700P/UBN
Q1804
2SC3074Y
D1803
MA115-TX
R1807
220/J6
C1806
3300P/UBN
R1812
68/J6
R1811
0/J6
D1804
MA115-TX
D1805
MA4270MTA
C1812
5V1500
EC41VF0561
D1806
MA3062-MTX
R1813
10K/J6
P1802
VJP3926A018
+HEATER
-26V
SYS_RESET
B6V
B9V
9V
SOL_LOW_DRIVE
B_TL
B_EVR_SRL
-HEATER
P_DOWN_DET_L
B3V
B-6V
-9V
T_START
EVR_TEN
B_EVR_TEN
B_EVR_TRL
PAT/J6
R1837
D1811
MA152WA-TX
R1825
1000/J6
R1822
10K/J6
R1823
100K/J6
Q1807
2SD1819AQRTX
R1836
47K/J6
Q1810
2SD1819AQRTX
R1835
47K/J6
Q1811
2SD1819AQRTX
R1834
47K/J6
Q1812
2SD1819AQRTX
R1838
PAT/J6
Q1813
PAT/2SD1819AQRTX
R1824
47K/J6
Q1808
2SD1819AQRTX
D1809
SFPB-54V
C1820
10V10000
C1821
PAT/10V10000
C1835
PAT/10V10000
IC1804
AN7806F
C1830
16V10/EVV
R1826
47K/J6
C1829
0.1/UBN
IC1802
TC4W53FUTL
C1819
0.1/UBN
C1827
0.1/UBN
IC1803
NJM072BV-TE2
Q1809
2SB1114T2ZKL
R1828
47K/J6
IC1805
XC62EP3302MR
R1827
820/J6
C1825
0.1/UBN
C1826
10V33/ST1
GNDA
C1822
10V3300
C1831
16V10/EVV
C1828
0.1/UBN
IC1803
NJM072BV-TE2
GNDA
SFPB-54V
D1810
AN79L06
IC1806
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 1800 Series

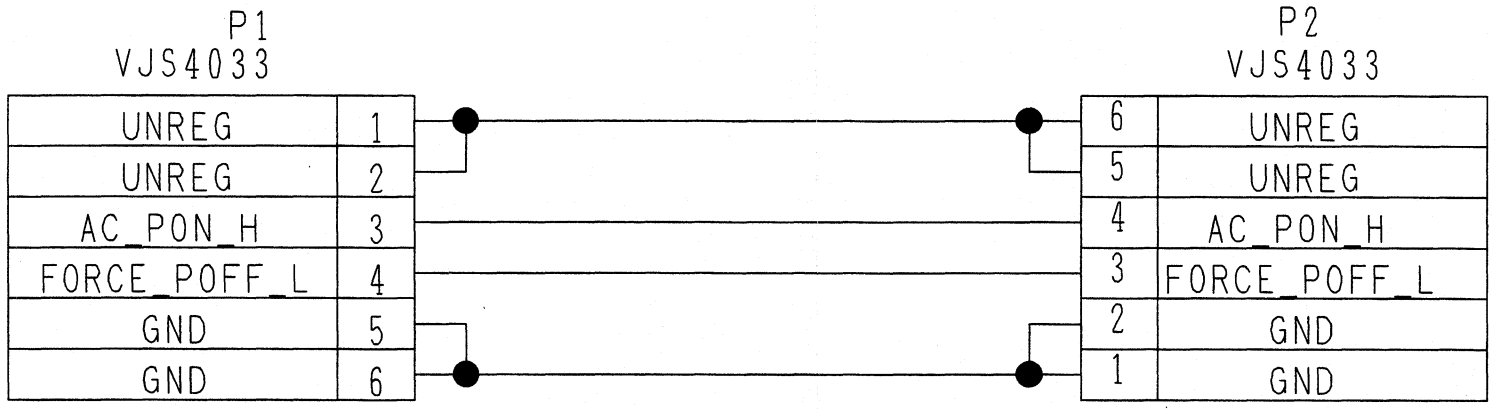
COMPONENT NAME	POWER 3	01/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP81188A	AJ-D94	
	SCM011	


UNREG_2 (2) 4A
Q1901 XN4501-TX
R1901 10K/J6
R1902 10K/J6
R1903 33K/J6
R1907 10K/J6
R1904 33K/J6
R1908 18K/J6
C1903 50V2R2/EVV
L1901 VLP0353-T
QR1903 UN5112-TX
L1903 VLQ0504100M
QR1904 UN5211-TX
R1916 47K/J6
C1914 PAT/UBN
C1906 0.022/UBN
R1913 12K/J6
C1907 470P/UN
OSC
TP1903 VJR0098
C1904 25V33/EVV
IC1901 TL1451CNS-EL
REFOUT SCP NONIN2 ININ2 BACK2 CONT2 OUT2 VCC
CT RT NONIN1 ININ1 BACK CONT1 OUT1 GND
C1902 0.1/UBN
C1911 0.1/UBN
C1912 0.1/UBN
C1913 PAT/UBM
C1905 390P/UN
R1911 6800/J6
R1912 PAT/J6
R1914 10K/J6
C1910 470P/UN
C1908 0.1/UBN
VR1901 5K/VR4
C1901 50V2R2/EVV
R1905 33K/J6
R1909 10K/J6
R1906 33K/J6
R1910 18K/J6
QR1901 UN5112-TX
QR1902 UN5211-TX
C1909 PAT/UBN
R1915 47K/J6
L1902 VLP0353-T
MA152K-TX D1901
Q1904 2SD1819AQRTX
R1918 0/J6
R1920 2200/J6
D1903 MA142K-GTX
R1923 4R7/J6
PAT/2SB1219AQRTX Q1905
R1922 PAT/J6
C1915 20V68
MGND
R1925 0.05(1/4W)
R1926 0.05(1/4W)
C1917 0.01/UBV
R1929 100/J6
Q1906 XN4401-TX
R1933 PAT/J6
R1935 100K/J6
R1930 1000/J6
Q1908 2SJ214S-TL
R1941 0/J6
L1904 VLQ0787
L1908 VLP0364-T
D1904 DESC4M-4061
C1919 10V100
C1920 0.1/UBN
C1922 PAT/UBN
R1937 12K/J6
L1906 VLQ0504220M
5V
TP1901 VJR0098
C1924 10V100
VR1902 2K/VR4
5VVR
R1939 3300/J6
+5V
GNDA
Q1902 2SD1819AQRTX
R1917 0/J6
R1919 2200/J6
D1902 MA142K-GTX
R1924 4R7/J6
PAT/2SB1219AQRTX Q1903
R1921 PAT/J6
C1916 20V68
R1927 0.05(1/4W)
R1928 0.05(1/4W)
C1918 0.01/UBV
R1931 100/J6
Q1907 XN4401-TX
R1934 PAT/J6
R1936 100K/J6
R1932 1000/J6
Q1909 2SJ214S-TL
R1942 0/J6
L1905 VLQ0787
L1909 VLP0364-T
D1905 DESC4M-4061
C1921 10V100
C1923 PAT/UBN
R1938 15K/J6
L1907 VLQ0504220M
5R6V
TP1902 VJR0098
C1925 10V100
VR1903 2K/VR4
5R6VVR
R1940 3300/J6
+5R6V
TG1901 VJR0098
MGND

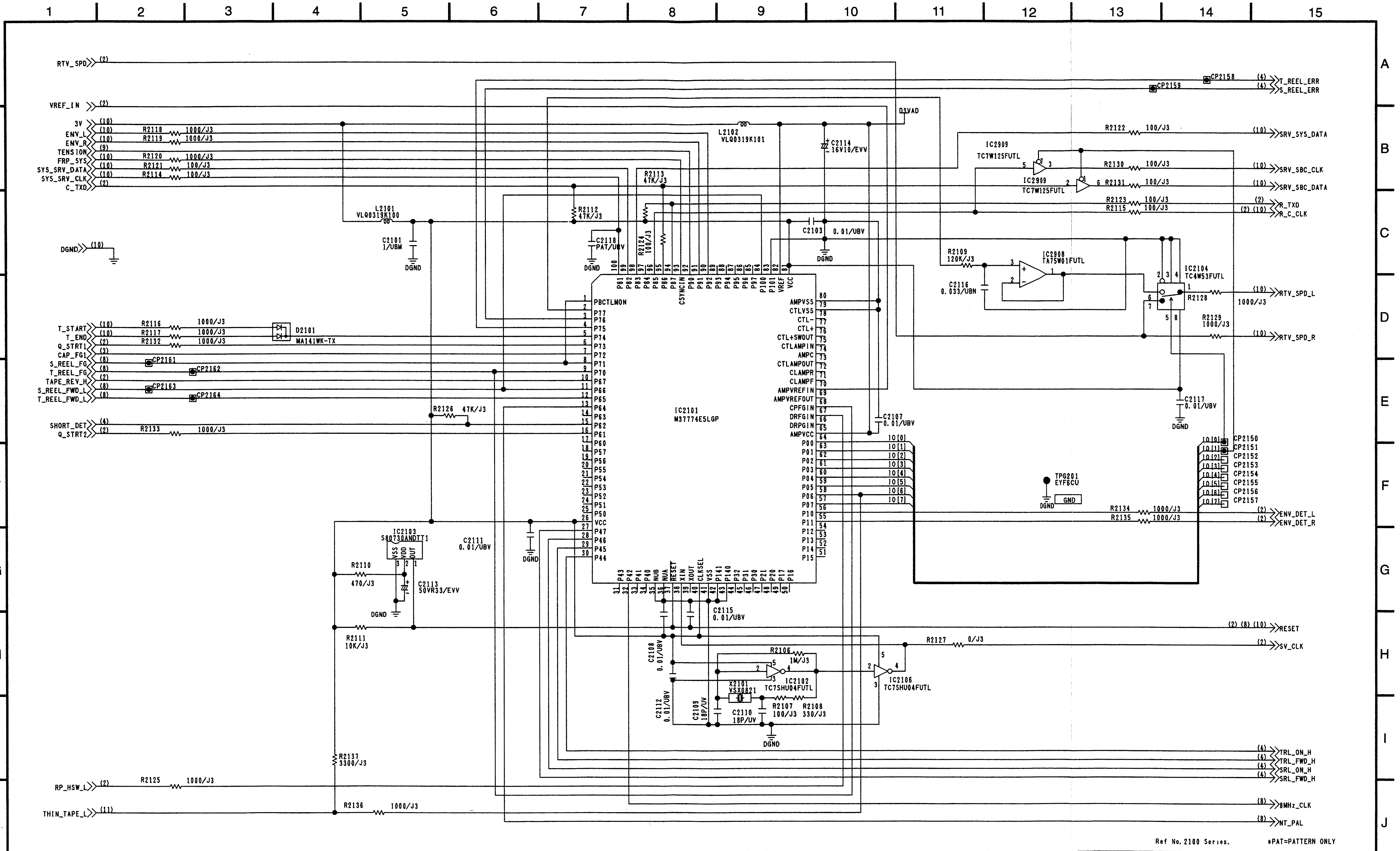
Ref No. 1900 Series

COMPONENT NAME	POWER 3	02/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP81188A	AJ-D94	
	SCM012	

VIDE-V26967 / DRUCK21


P1
VJS4033
UNREG 1
UNREG 2
AC_PON_H 3
FORCE_POFF_L 4
GND 5
GND 6
P2
VJS4033
6 UNREG
5 UNREG
4 AC_PON_H
3 FORCE_POFF_L
2 GND
1 GND

COMPONENT NAME	POWER CONNECT	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A88A	AJ-D94	
	SCM013	


RTV_SPD
VREF_IN
3V
ENV_L
ENV_R
TENSION
FRP_SYS
SYS_SRV_DATA
SYS_SRV_CLK
C_TXD
R2118 1000/J3
R2119 1000/J3
R2120 1000/J3
R2121 100/J3
R2114 100/J3
L2102 VLQ0319K101
C2114 16V10/EVV
D3VAD
L2101 VLQ0319K100
C2101 1/UBM
DGND
R2112 47K/J3
C2118 PAT/UBV
R2113 47K/J3
R2124 100/J3
C2103 0.01/UBV
T_START
T_END
Q_STRT1
CAP_FG1
S_REEL_FG
T_REEL_FG
TAPE_REV_H
S_REEL_FWD_L
T_REEL_FWD_L
R2116 1000/J3
R2117 1000/J3
R2132 1000/J3
D2101 MA141WK-TX
CP2161
CP2162
CP2163
CP2164
SHORT_DET
Q_STRT2
R2133 1000/J3
R2126 47K/J3
IC2101 M37774E5LGP
PBCTLMON
AMPVSS
CTLVSS
CTL-
CTL+
CTL+SWOUT
CTLAMPIN
AMPC
CTLAMPOUT
CLAMPR
CLAMPF
AMPVREFIN
AMPVREFOUT
CPFGIN
DRFGIN
DRPGIN
AMPVCC
CSYNCIN
VREF
VCC
RESET
XIN
XOUT
CLKSEL
VSS
NUA
NUB
IC2103 S80730ANDTT1
C2111 0.01/UBV
R2110 470/J3
C2113 50VR33/EVV
R2111 10K/J3
C2115 0.01/UBV
C2108 0.01/UBV
C2112 0.01/UBV
C2109 18P/UV
X2101 VSX0821
C2110 18P/UV
R2106 1M/J3
IC2102 TC7SHU04FUTL
R2107 100/J3
R2108 330/J3
IC2106 TC7SHU04FUTL
R2127 0/J3
R2137 3300/J3
RP_HSW_L
R2125 1000/J3
THIN_TAPE_L
R2136 1000/J3
CP2158
CP2159
T_REEL_ERR
S_REEL_ERR
R2122 100/J3
SRV_SYS_DATA
IC2909 TC7W125FUTL
R2130 100/J3
SRV_SBC_CLK
R2131 100/J3
SRV_SBC_DATA
R2123 100/J3
R2115 100/J3
R_TXD
R_C_CLK
R2109 120K/J3
IC2908 TA75W01FUTL
C2116 0.033/UBN
IC2104 TC4W53FUTL
R2128
RTV_SPD_L
R2129 1000/J3
RTV_SPD_R
C2117 0.01/UBV
C2107 0.01/UBV
IO[0]
IO[1]
IO[2]
IO[3]
IO[4]
IO[5]
IO[6]
IO[7]
CP2150
CP2151
CP2152
CP2153
CP2154
CP2155
CP2156
CP2157
TPG201 EYF6CU
GND
R2134 1000/J3
R2135 1000/J3
ENV_DET_L
ENV_DET_R
RESET
SV_CLK
TRL_ON_H
TRL_FWD_H
SRL_ON_H
SRL_FWD_H
8MHz_CLK
NT_PAL
1
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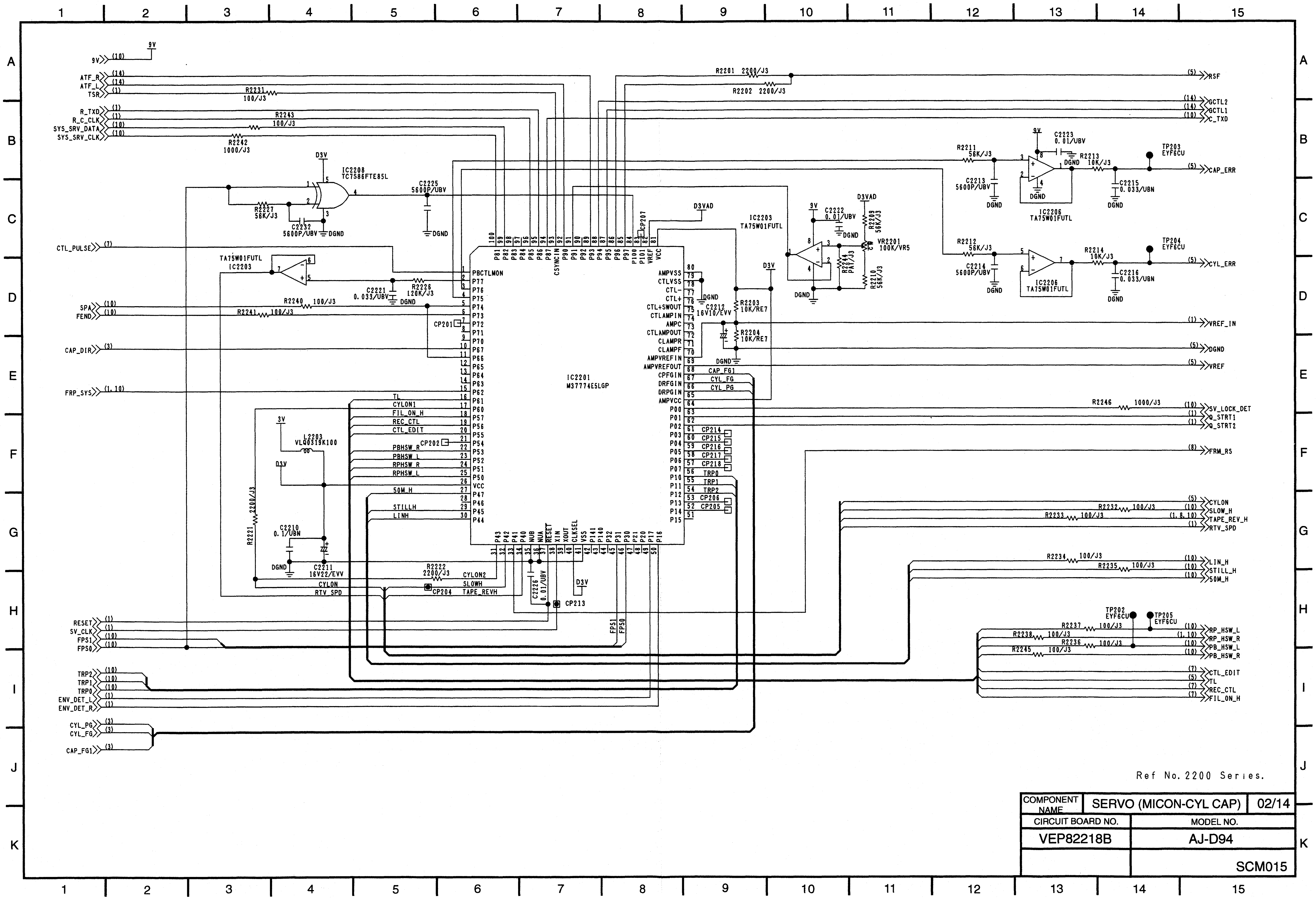
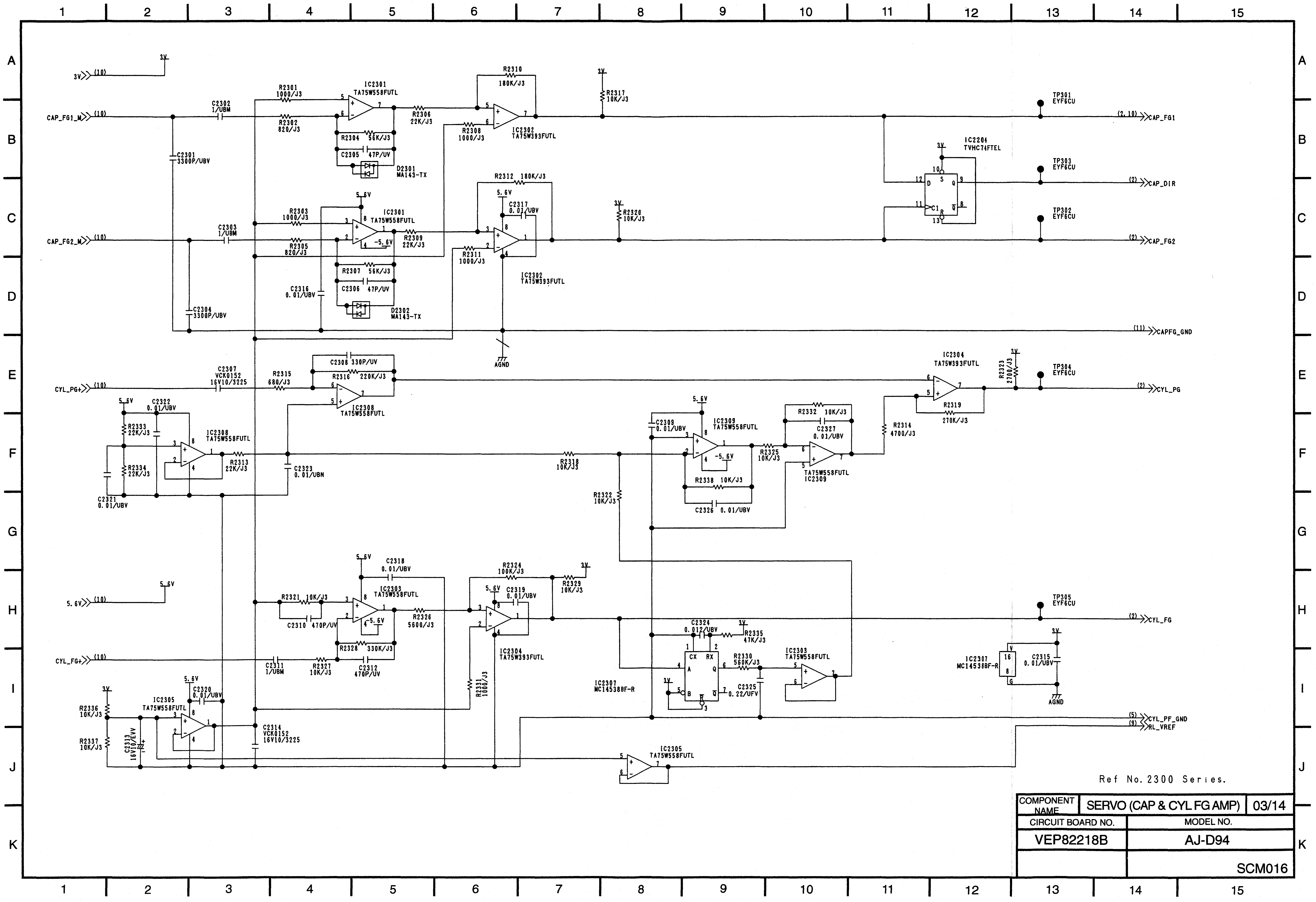
Ref No. 2100 Series. *PAT=PATTERN ONLY

COMPONENT NAME	SERVO(REEL SERVO MICON)	01/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM014	


9V
ATF_R
ATF_L
TSR
R_TXD
R_C_CLK
SYS_SRV_DATA
SYS_SRV_CLK
R2231 100/J3
R2243 100/J3
R2242 1000/J3
R2201 2200/J3
R2202 2200/J3
RSF
GCTL2
GCTL1
C_TXD
D3V
IC2208 TC7S86FTE85L
C2225 5600P/UBV
R2227 56K/J3
C2232 5600P/UBV
DGND
CTL_PULSE
TA75W01FUTL
IC2203
C2221 0.033/UBV
R2226 120K/J3
SPA
FEND
R2240 100/J3
R2241 100/J3
CP201
CAP_DIR
FRP_SYS
IC2201
M37774E5LGP
PBCTLMON
CSYNCIN
VREF
VCC
AMPVSS
CTLVSS
CTL-
CTL+
CTL+SWOUT
CTLAMPIN
AMPC
CTLAMPOUT
CLAMPR
CLAMPF
AMPVREFIN
AMPVREFOUT
CPFGIN
DRFGIN
DRPGIN
AMPVCC
CP207
D3VAD
C2212 16V10/EVV
R2203 10K/RE7
R2204 10K/RE7
C2222 0.01/UBV
R2209 56K/J3
VR2201 100K/VR5
R2244 PA1/J3
R2210 56K/J3
R2211 56K/J3
C2213 5600P/UBV
C2223 0.01/UBV
R2213 10K/J3
C2215 0.033/UBN
IC2206 TA75W01FUTL
TP203 EYF6CU
CAP_ERR
R2212 56K/J3
C2214 5600P/UBV
R2214 10K/J3
C2216 0.033/UBN
TP204 EYF6CU
CYL_ERR
VREF_IN
DGND
VREF
R2246 1000/J3
SV_LOCK_DET
Q_STRT1
Q_STRT2
FRM_RS
CAP_FG1
CYL_FG
CYL_PG
CP214
CP215
CP216
CP217
CP218
TRP0
TRP1
TRP2
CP206
CP205
TL
CYLON1
FIL_ON_H
REC_CTL
CTL_EDIT
CP202
PBHSW_R
PBHSW_L
RPHSW_R
RPHSW_L
50M_H
STILLH
LINH
3V
L2203 VLQ0319K100
R2221 2200/J3
C2210 0.1/UBN
C2211 16V22/EVV
R2222 2200/J3
CYLON2
CYLON
SLOWH
RTV_SPD
TAPE_REVH
CP204
C2226 0.01/UBV
CP213
FPS1
FPS0
CYLON
SLOW_H
TAPE_REV_H
RTV_SPD
R2232 100/J3
R2233 100/J3
LIN_H
STILL_H
50M_H
R2234 100/J3
R2235 100/J3
RESET
SV_CLK
TP202 EYF6CU
TP205 EYF6CU
R2237 100/J3
R2238 100/J3
R2236 100/J3
R2245 100/J3
RP_HSW_L
RP_HSW_R
PB_HSW_L
PB_HSW_R
CTL_EDIT
TL
REC_CTL
FIL_ON_H
TRP2
TRP1
TRP0
ENV_DET_L
ENV_DET_R
CYL_PG
CYL_FG
CAP_FG1

Ref No. 2200 Series.

COMPONENT NAME	SERVO (MICON-CYL CAP)	02/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM015	


CAP_FG1_M
CAP_FG2_M
CYL_PG+
CYL_FG+
3V
5.6V
CAP_FG1
CAP_DIR
CAP_FG2
CAPFG_GND
CYL_PG
CYL_FG
CYL_PF_GND
RL_VREF
AGND
IC2301 TA75W558FUTL
IC2302 TA75W393FUTL
IC2204 TVHC74FTEL
IC2303 TA75W558FUTL
IC2304 TA75W393FUTL
IC2305 TA75W558FUTL
IC2307 MC14538BF-R
IC2308 TA75W558FUTL
IC2309 TA75W558FUTL
D2301 MA143-TX
D2302 MA143-TX
TP301 EYF6CU
TP302 EYF6CU
TP303 EYF6CU
TP304 EYF6CU
TP305 EYF6CU
R2301 1000/J3
R2302 820/J3
R2303 1000/J3
R2304 56K/J3
R2305 820/J3
R2306 22K/J3
R2307 56K/J3
R2308 1000/J3
R2309 22K/J3
R2310 180K/J3
R2311 1000/J3
R2312 180K/J3
R2313 22K/J3
R2314 4700/J3
R2315 680/J3
R2316 220K/J3
R2317 10K/J3
R2318 10K/J3
R2319 270K/J3
R2320 10K/J3
R2321 10K/J3
R2322 10K/J3
R2323 2700/J3
R2324 100K/J3
R2325 10K/J3
R2326 5600/J3
R2327 10K/J3
R2328 330K/J3
R2329 10K/J3
R2330 560K/J3
R2331 1000/J3
R2332 10K/J3
R2333 22K/J3
R2334 22K/J3
R2335 47K/J3
R2336 10K/J3
R2337 10K/J3
R2338 10K/J3
C2301 3300P/UBV
C2302 1/UBM
C2303 1/UBM
C2304 3300P/UBV
C2305 47P/UV
C2306 47P/UV
C2307 VCK0152 16V10/3225
C2308 330P/UV
C2309 0.01/UBV
C2310 470P/UV
C2311 1/UBM
C2312 470P/UV
C2313 16V10/EVV
C2314 VCK0152 16V10/3225
C2315 0.01/UBV
C2316 0.01/UBV
C2317 0.01/UBV
C2318 0.01/UBV
C2319 0.01/UBV
C2320 0.01/UBV
C2321 0.01/UBV
C2322 0.01/UBV
C2323 0.01/UBN
C2324 0.012/UBV
C2325 0.22/UFV
C2326 0.01/UBV
C2327 0.01/UBV
-5.6V
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A
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Ref No. 2300 Series.

COMPONENT NAME	SERVO (CAP & CYL FG AMP)	03/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM016	

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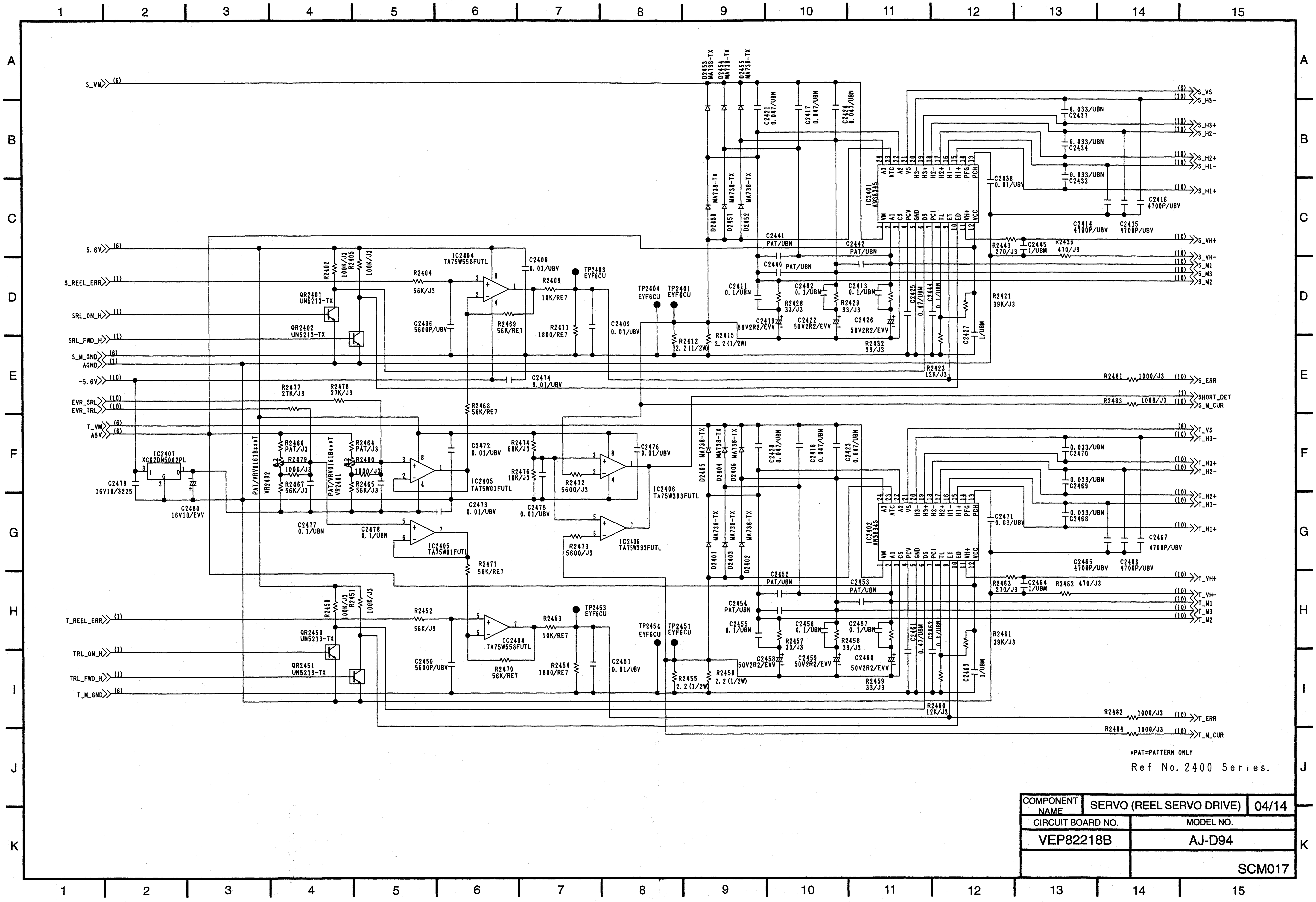
S_VM
5.6V
S_REEL_ERR
SRL_ON_H
SRL_FWD_H
S_M_GND
AGND
-5.6V
EVR_SRL
EVR_TRL
T_VM
A5V
T_REEL_ERR
TRL_ON_H
TRL_FWD_H
T_M_GND
S_VS
S_H3-
S_H3+
S_H2-
S_H2+
S_H1-
S_H1+
S_VH+
S_VH-
S_M1
S_M3
S_M2
S_ERR
SHORT_DET
S_M_CUR
T_VS
T_H3-
T_H3+
T_H2-
T_H2+
T_H1-
T_H1+
T_VH+
T_VH-
T_M1
T_M3
T_M2
T_ERR
T_M_CUR
IC2401 AN3834S
IC2402 AN3834S
IC2404 TA75W558FUTL
IC2405 TA75W01FUTL
IC2406 TA75W393FUTL
IC2407 XC62DN5002PL
QR2401 UN5213-TX
QR2402 UN5213-TX
QR2450 UN5213-TX
QR2451 UN5213-TX
D2450 MA738-TX
D2451 MA738-TX
D2452 MA738-TX
D2453 MA738-TX
D2454 MA738-TX
D2455 MA738-TX
D2401 MA738-TX
D2402 MA738-TX
D2403 MA738-TX
D2404 MA738-TX
D2405 MA738-TX
D2406 MA738-TX
TP2401 EYF6CU
TP2403 EYF6CU
TP2404 EYF6CU
TP2451 EYF6CU
TP2453 EYF6CU
TP2454 EYF6CU
VR2401 PAT/VRV0161B***T
VR2402 PAT/VRV0161B***T
R2402 100K/J3
R2405 100K/J3
R2404 56K/J3
R2409 10K/RE7
R2411 1800/RE7
R2412 2.2(1/2W)
R2415 2.2(1/2W)
R2421 39K/J3
R2423 12K/J3
R2428 33/J3
R2429 33/J3
R2432 33/J3
R2436 470/J3
R2443 270/J3
R2450 100K/J3
R2451 100K/J3
R2452 56K/J3
R2453 10K/RE7
R2454 1800/RE7
R2455 2.2(1/2W)
R2456 2.2(1/2W)
R2457 33/J3
R2458 33/J3
R2459 33/J3
R2460 12K/J3
R2461 39K/J3
R2462 470/J3
R2463 270/J3
R2464 PAT/J3
R2465 56K/J3
R2466 PAT/J3
R2467 56K/J3
R2468 56K/RE7
R2469 56K/RE7
R2470 56K/RE7
R2471 56K/RE7
R2472 5600/J3
R2473 5600/J3
R2474 68K/J3
R2476 10K/J3
R2477 27K/J3
R2478 27K/J3
R2479 1000/J3
R2480 1000/J3
R2481 1000/J3
R2482 1000/J3
R2483 1000/J3
R2484 1000/J3
C2402 0.1/UBN
C2406 5600P/UBV
C2408 0.01/UBV
C2409 0.01/UBV
C2411 0.1/UBN
C2413 0.1/UBN
C2414 4700P/UBV
C2415 4700P/UBV
C2416 4700P/UBV
C2417 0.047/UBN
C2418 0.047/UBN
C2419 50V2R2/EVV
C2420 0.047/UBN
C2421 0.047/UBN
C2422 50V2R2/EVV
C2423 0.047/UBN
C2424 0.047/UBN
C2425 0.47/UBM
C2426 50V2R2/EVV
C2427 1/UBM
C2432 0.033/UBN
C2434 0.033/UBN
C2437 0.033/UBN
C2438 0.01/UBV
C2440 PAT/UBN
C2441 PAT/UBN
C2442 PAT/UBN
C2444 0.1/UBN
C2445 1/UBM
C2450 5600P/UBV
C2451 0.01/UBV
C2452 PAT/UBN
C2453 PAT/UBN
C2454 PAT/UBN
C2455 0.1/UBN
C2456 0.1/UBN
C2457 0.1/UBN
C2458 50V2R2/EVV
C2459 50V2R2/EVV
C2460 50V2R2/EVV
C2461 0.47/UBM
C2462 0.1/UBN
C2463 1/UBM
C2464 1/UBM
C2465 4700P/UBV
C2466 4700P/UBV
C2467 4700P/UBV
C2468 0.033/UBN
C2469 0.033/UBN
C2470 0.033/UBN
C2471 0.01/UBV
C2472 0.01/UBV
C2473 0.01/UBV
C2474 0.01/UBV
C2475 0.01/UBV
C2476 0.01/UBV
C2477 0.1/UBN
C2478 0.1/UBN
C2479 16V10/3225
C2480 16V10/EVV
VM A1 CS PCV GND DS PC1 TL ET ED VH+ VCC
A3 ATC A2 VS H3- H3+ H2- H2+ H1- H1+ PFG PCH

*PAT=PATTERN ONLY

Ref No. 2400 Series.

COMPONENT NAME	SERVO (REEL SERVO DRIVE)	04/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM017	

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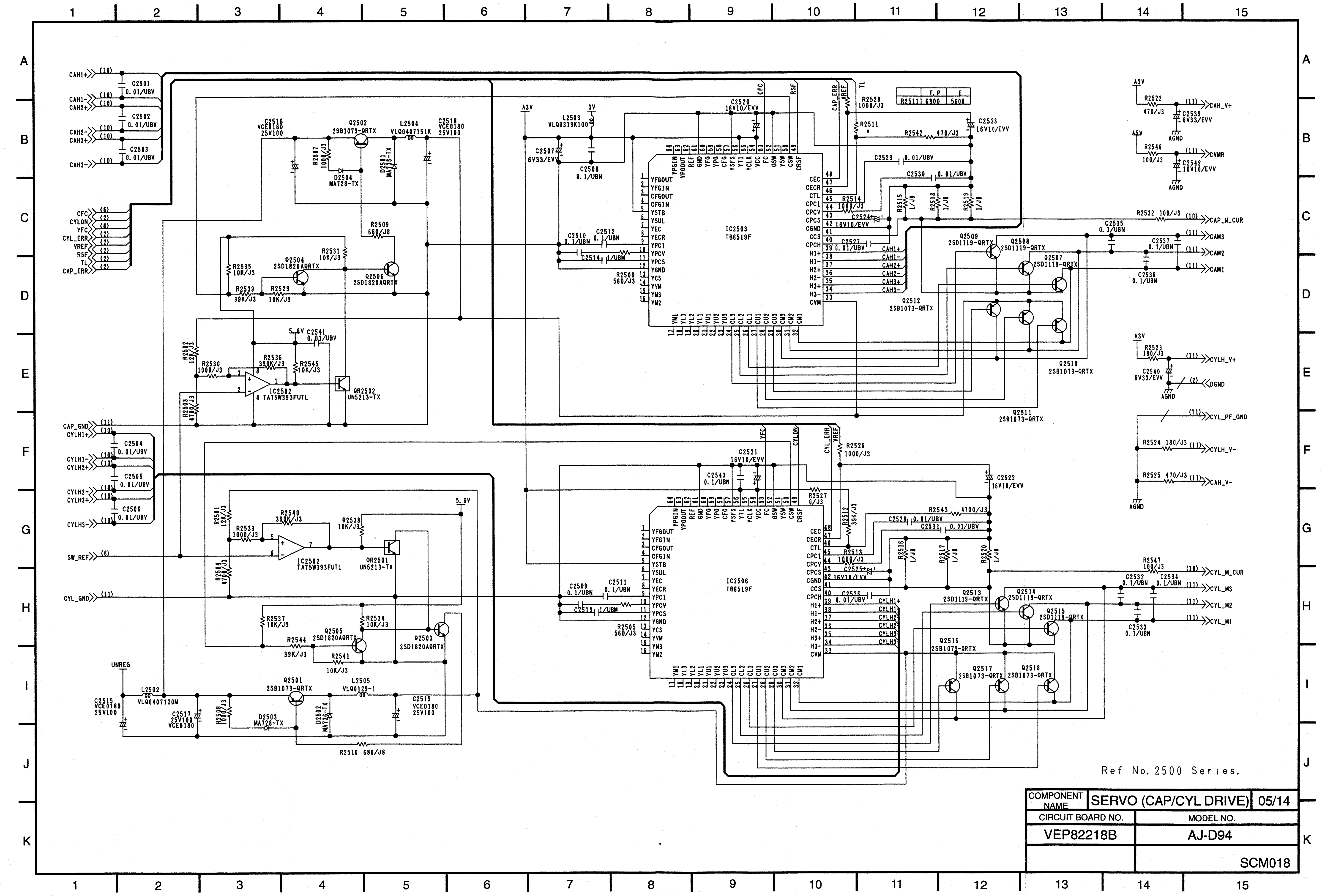
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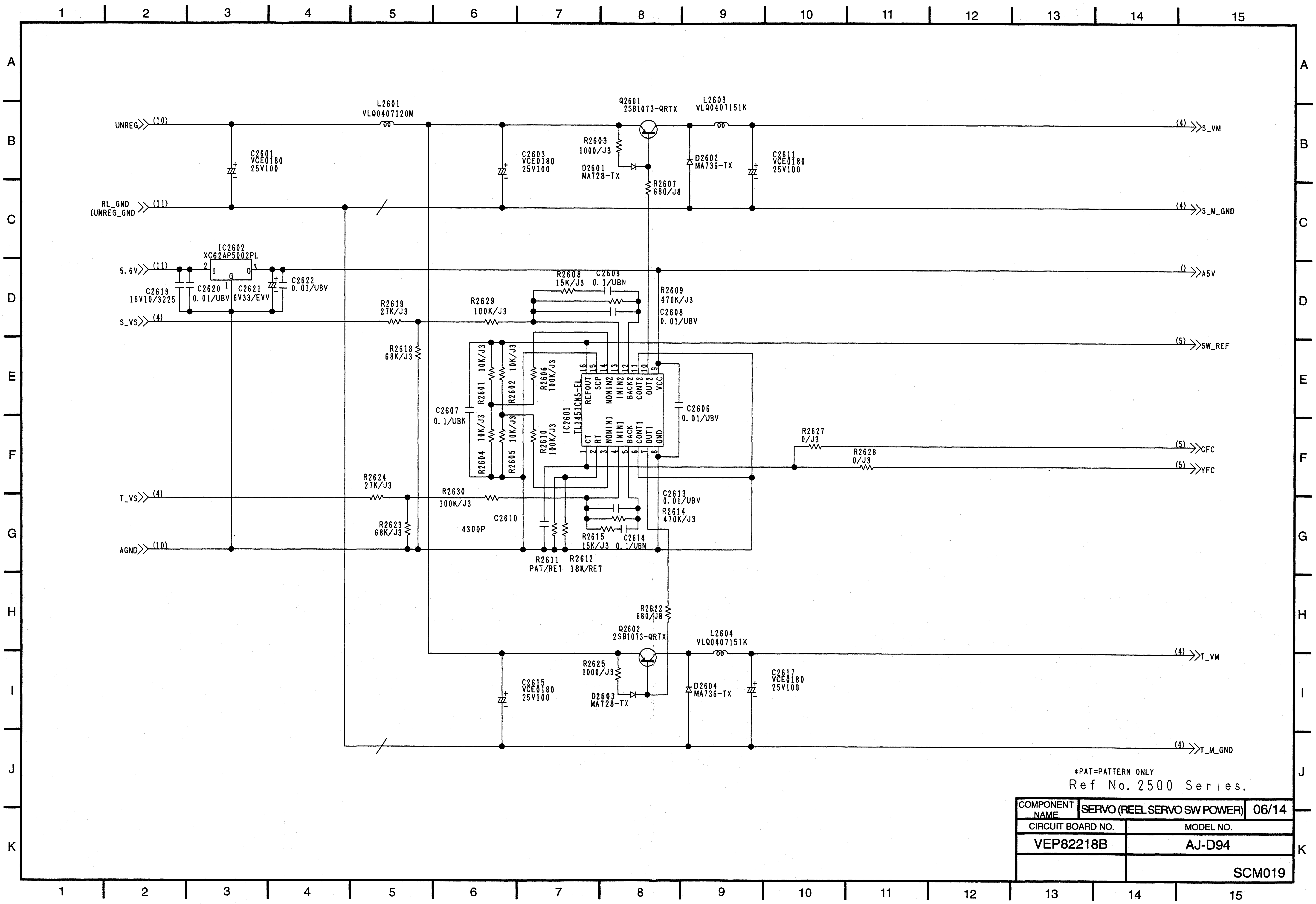
F
G
H
I
J
K
CAH1+
CAH1-
CAH2+
CAH2-
CAH3+
CAH3-
C2501 0.01/UBV
C2502 0.01/UBV
C2503 0.01/UBV
CFC
CYLON
YFC
CYL_ERR
VREF
RSF
TL
CAP_ERR
C2516 VCE0180 25V100
Q2502 2SB1073-QRTX
L2504 VLQ0407151K
C2518 VCE0180 25V100
R2507 1000/J3
D2504 MA728-TX
D2501 MA736-TX
R2509 680/J8
R2531 10K/J3
R2535 10K/J3
Q2504 2SD1820AQRTX
Q2506 2SD1820AQRTX
R2539 39K/J3
R2529 10K/J3
R2502 12K/J3
5.6V
C2541 0.01/UBV
R2536 390K/J3
R2545 10K/J3
R2530 1000/J3
IC2502 TA75W393FUTL
QR2502 UN5213-TX
R2503 4700/J3
CAP_GND
CYLH1+
CYLH1-
CYLH2+
CYLH2-
CYLH3+
CYLH3-
C2504 0.01/UBV
C2505 0.01/UBV
C2506 0.01/UBV
SW_REF
CYL_GND
R2501 12K/J3
R2533 1000/J3
R2540 390K/J3
R2538 10K/J3
IC2502 TA75W393FUTL
QR2501 UN5213-TX
R2504 4700/J3
R2537 10K/J3
R2534 10K/J3
Q2505 2SD1820AQRTX
Q2503 2SD1820AQRTX
R2544 39K/J3
R2541 10K/J3
UNREG
L2502 VLQ0407120M
C2515 VCE0180 25V100
C2517 25V100 VCE0180
R2508 1000/J3
Q2501 2SB1073-QRTX
D2503 MA728-TX
D2502 MA736-TX
L2505 VLQ0129-1
C2519 VCE0180 25V100
R2510 680/J8
A3V
3V
L2503 VLQ0319K100
C2507 6V33/EVV
C2508 0.1/UBN
C2520 16V10/EVV
C2510 0.1/UBN
C2512 0.1/UBN
C2514 1/UBM
R2506 560/J3
IC2503 TB6519F
R2528 1000/J3
R2511
R2542 470/J3
C2523 16V10/EVV
C2529 0.01/UBV
C2530 0.01/UBV
R2514 1000/J3
C2524 16V10/EVV
C2527 0.01/UBV
R2515 1/J8
R2518 1/J8
R2519 1/J8
T.P
E
R2511
6800
5600
Q2509 2SD1119-QRTX
Q2508 2SD1119-QRTX
Q2507 2SD1119-QRTX
Q2512 2SB1073-QRTX
Q2510 2SB1073-QRTX
Q2511 2SB1073-QRTX
R2532 100/J3
CAP_M_CUR
C2535 0.1/UBN
C2537 0.1/UBN
C2536 0.1/UBN
CAM3
CAM2
CAM1
R2522 470/J3
CAH_V+
C2539 6V33/EVV
AGND
A5V
R2546 100/J3
CVMR
C2542 16V10/EVV
R2523 180/J3
CYLH_V+
C2540 6V33/EVV
DGND
CYL_PF_GND
R2524 180/J3
CYLH_V-
R2525 470/J3
CAH_V-
C2521 16V10/EVV
C2543 0.1/UBN
R2526 1000/J3
C2522 16V10/EVV
R2527 0/J3
R2512 39K/J3
R2543 4700/J3
C2528 0.01/UBV
C2531 0.01/UBV
R2513 1000/J3
C2525 16V10/EVV
C2526 0.01/UBV
R2516 1/J8
R2517 1/J8
R2520 1/J8
C2509 0.1/UBN
C2511 0.1/UBN
C2513 1/UBM
R2505 560/J3
IC2506 TB6519F
R2547 100/J3
CYL_M_CUR
C2532 0.1/UBN
C2534 0.1/UBN
C2533 0.1/UBN
CYL_M3
CYL_M2
CYL_M1
Q2513 2SD1119-QRTX
Q2514 2SD1119-QRTX
Q2515 2SD1119-QRTX
Q2516 2SB1073-QRTX
Q2517 2SB1073-QRTX
Q2518 2SB1073-QRTX
YFGOUT
YFGIN
CFGOUT
CFGIN
YSTB
YSUL
YEC
YECR
YPC1
YPCV
YPCS
YGND
YCS
YVM
YM3
YM2
YPGIN
YPGOUT
REF
GND
YFG
YPG
CFG
YSFS
YT1
YCLK
VCC
FC
GSW
YSW
CSW
CRSF
CEC
CECR
CTL
CPC1
CPCV
CPCS
CGND
CCS
CPCH
H1+
H1-
H2+
H2-
H3+
H3-
CVM
YM1
YL3
YL2
YL1
YU1
YU2
YU3
CL3
CL2
CL1
CU1
CU2
CU3
CM3
CM2
CM1

Ref No. 2500 Series.

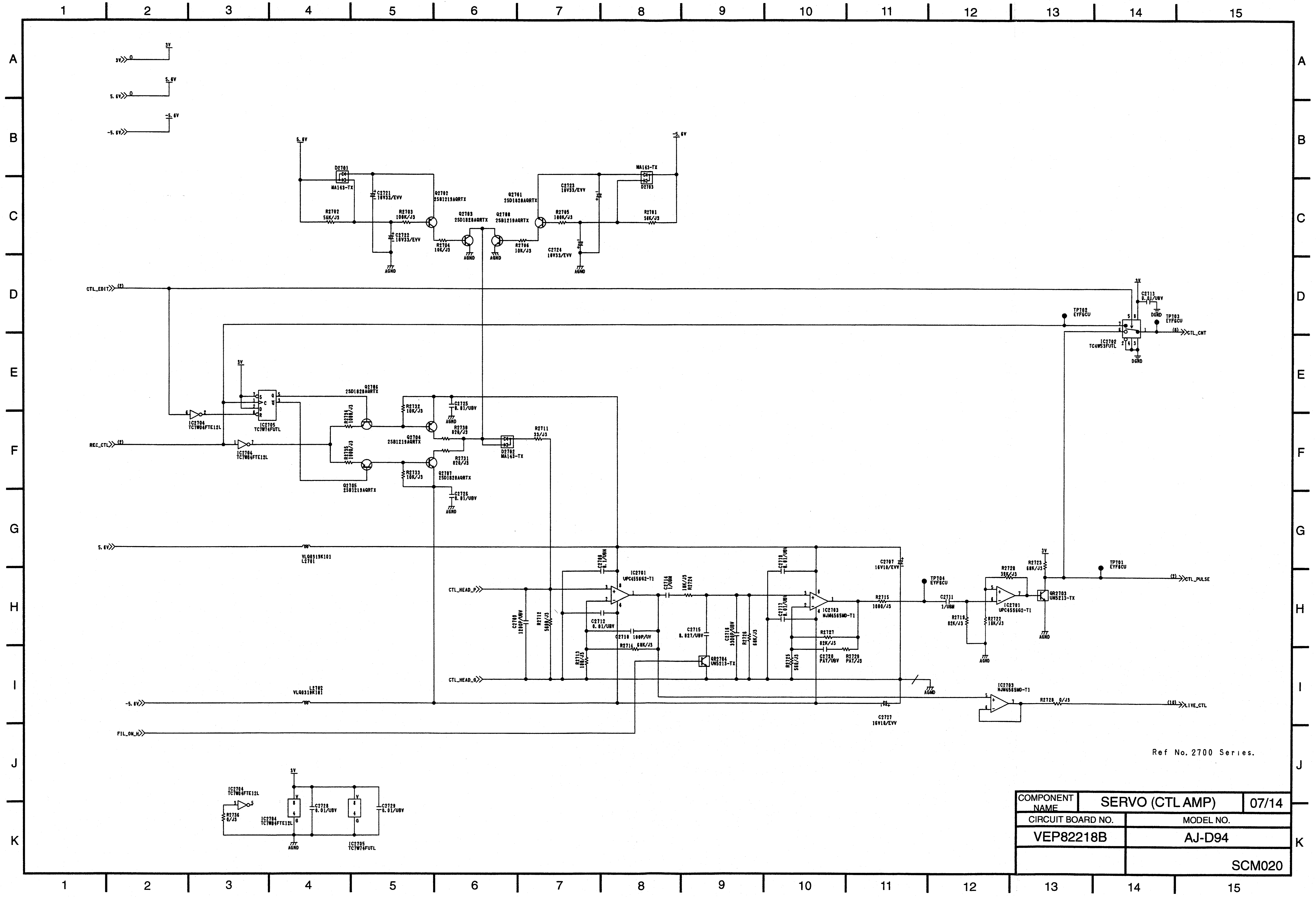
COMPONENT NAME	SERVO (CAP/CYL DRIVE)	05/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM018	


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K
UNREG (10)
RL_GND (UNREG_GND) (11)
5.6V (11)
S_VS (4)
T_VS (4)
AGND (10)
(4) S_VM
(4) S_M_GND
() A5V
(5) SW_REF
(5) CFC
(5) YFC
(4) T_VM
(4) T_M_GND
L2601 VLQ0407120M
Q2601 2SB1073-QRTX
L2603 VLQ0407151K
C2601 VCE0180 25V100
C2603 VCE0180 25V100
R2603 1000/J3
D2601 MA728-TX
R2607 680/J8
D2602 MA736-TX
C2611 VCE0180 25V100
IC2602 XC62AP5002PL
I G O
C2619 16V10/3225
C2620 0.01/UBV
C2621 6V33/EVV
C2622 0.01/UBV
R2608 15K/J3
C2609 0.1/UBN
R2609 470K/J3
C2608 0.01/UBV
R2619 27K/J3
R2629 100K/J3
R2618 68K/J3
R2601 10K/J3
R2602 10K/J3
R2606 100K/J3
R2604 10K/J3
R2605 10K/J3
R2610 100K/J3
C2607 0.1/UBN
IC2601 TL1451CNS-EL
REFOUT SCP NONIN2 ININ2 BACK2 CONT2 OUT2 VCC
CT RT NONIN1 ININ1 BACK CONT1 OUT1 GND
C2606 0.01/UBV
R2627 0/J3
R2628 0/J3
R2624 27K/J3
R2630 100K/J3
R2623 68K/J3
C2610 4300P
C2613 0.01/UBV
R2614 470K/J3
R2615 15K/J3
C2614 0.1/UBN
R2611 PAT/RE7
R2612 18K/RE7
R2622 680/J8
Q2602 2SB1073-QRTX
L2604 VLQ0407151K
R2625 1000/J3
D2603 MA728-TX
C2615 VCE0180 25V100
D2604 MA736-TX
C2617 VCE0180 25V100

*PAT=PATTERN ONLY

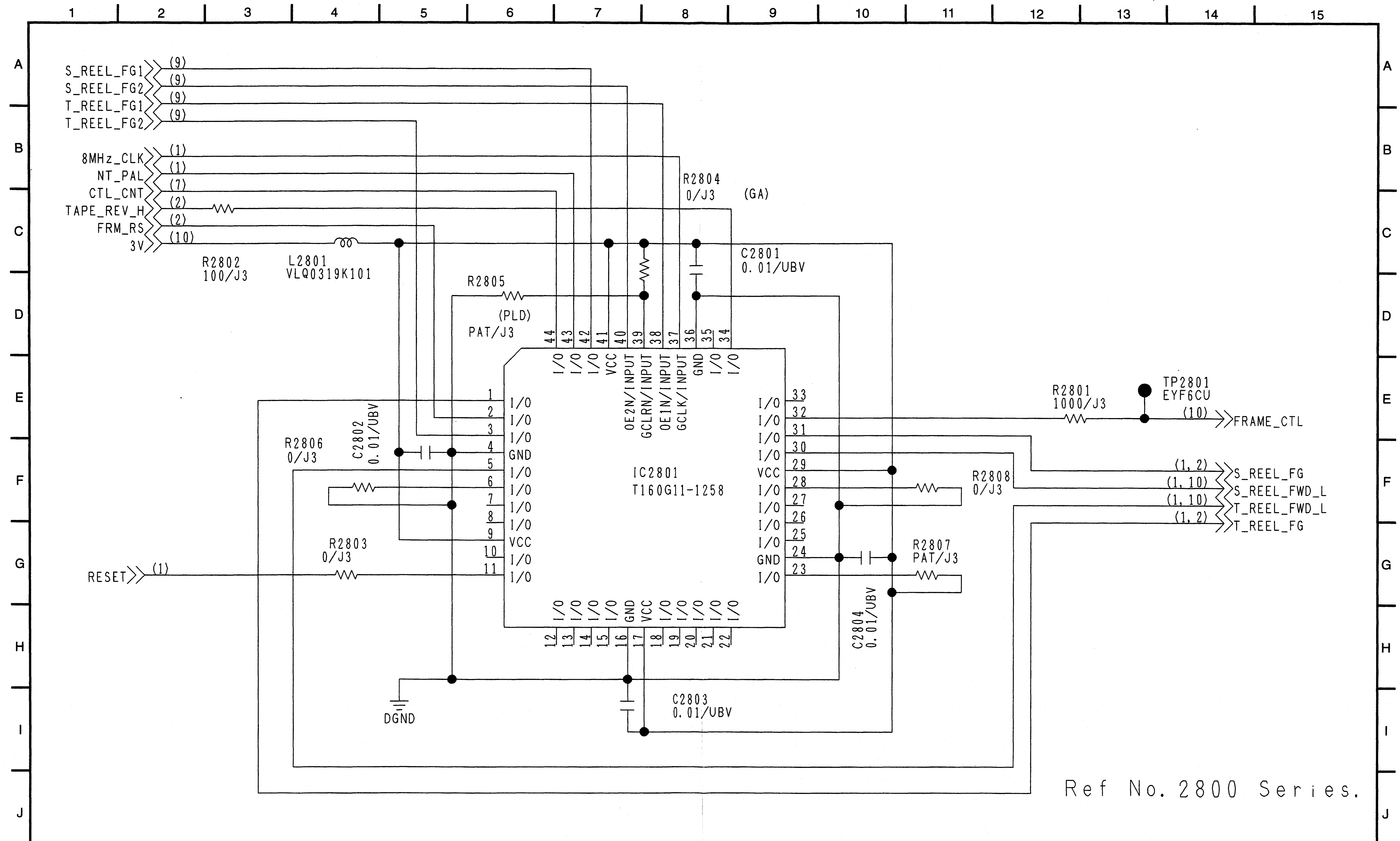
Ref No. 2500 Series.

COMPONENT NAME	SERVO (REEL SERVO SW POWER)	06/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM019	


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K
3V
5.6V
-5.6V
D2701
MA143-TX
C2721
16V33/EVV
Q2702
2SB1219AQRTX
R2702
56K/J3
R2703
100K/J3
C2722
16V33/EVV
R2704
10K/J3
Q2703
2SD1820AQRTX
Q2708
2SB1219AQRTX
AGND
R2706
10K/J3
Q2701
2SD1820AQRTX
C2723
16V33/EVV
R2705
100K/J3
C2724
16V33/EVV
MA143-TX
D2703
R2701
56K/J3
CTL_EDIT
(2)
REC_CTL
IC2704
TC7W04FTE12L
IC2705
TC7W74FUTL
S
C
D
R
Q
Q̄
Q2706
2SD1820AQRTX
R2734
1000/J3
R2735
1000/J3
Q2705
2SB1219AQRTX
R2732
10K/J3
R2733
10K/J3
Q2704
2SB1219AQRTX
Q2707
2SD1820AQRTX
C2725
0.01/UBV
C2726
0.01/UBV
R2730
820/J3
R2731
820/J3
D2702
MA143-TX
R2711
33/J3
TP702
EYF6CU
TP703
EYF6CU
C2713
0.01/UBV
DGND
IC2702
TC4W53FUTL
(8)
CTL_CNT
L2701
VLQ0319K101
C2708
0.1/UBN
IC2701
UPC4556G2-T1
CTL_HEAD_P
C2709
1200P/UBV
R2712
560/J3
C2712
0.01/UBV
C2710
100P/UV
R2714
68K/J3
R2713
100/J3
C2714
1/UBM
10K/J3
R2724
C2715
0.027/UBV
QR2704
UN5213-TX
C2716
3300P/UBV
R2726
68K/J3
C2719
0.01/UBV
C2717
0.01/UBV
IC2703
NJM4565MD-T1
R2727
82K/J3
C2720
PAT/UBV
R2729
PAT/J3
R2725
560/J3
C2707
16V10/EVV
TP704
EYF6CU
R2715
1000/J3
C2711
1/UBM
R2719
82K/J3
R2720
39K/J3
R2722
18K/J3
IC2701
UPC4556G2-T1
R2723
68K/J3
QR2703
UN5213-TX
TP701
EYF6CU
(2)
CTL_PULSE
CTL_HEAD_G
L2702
VLQ0319K101
C2727
16V10/EVV
IC2703
NJM4565MD-T1
R2728
0/J3
(10)
LIVE_CTL
FIL_ON_H
R2736
0/J3
C2728
0.01/UBV
C2729
0.01/UBV
V
G

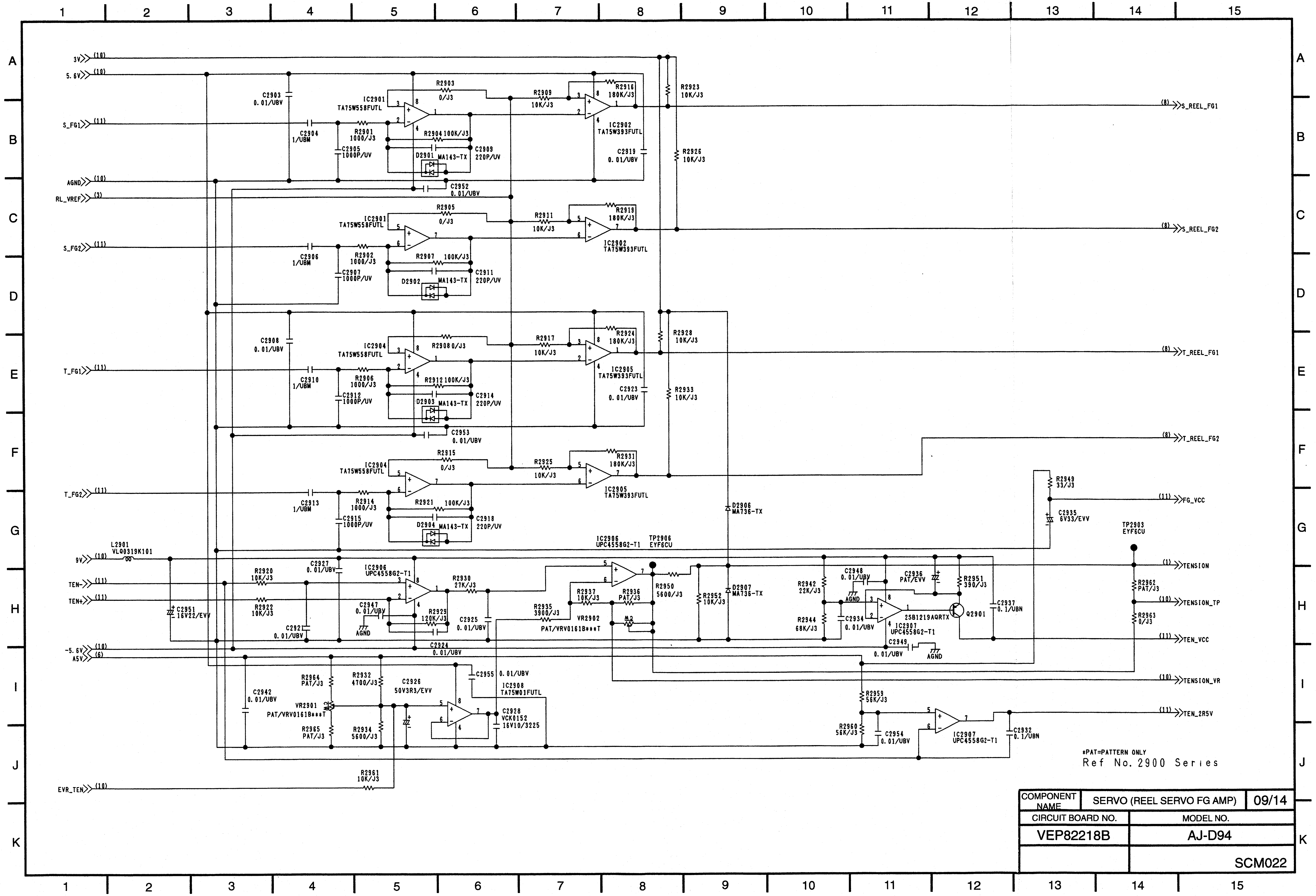
Ref No. 2700 Series.

COMPONENT NAME	SERVO (CTL AMP)	07/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM020	


S_REEL_FG1 (9)
S_REEL_FG2 (9)
T_REEL_FG1 (9)
T_REEL_FG2 (9)
8MHz_CLK (1)
NT_PAL (1)
CTL_CNT (7)
TAPE_REV_H (2)
FRM_RS (2)
3V (10)
R2802
100/J3
L2801
VLQ0319K101
R2804
0/J3
(GA)
C2801
0.01/UBV
R2805
(PLD)
PAT/J3
44 43 42 41 40 39 38 37 36 35 34
I/O I/O I/O VCC OE2N/INPUT GCLRN/INPUT OE1N/INPUT GCLK/INPUT GND I/O I/O
TP2801
EYF6CU
R2801
1000/J3
(10) FRAME_CTL
R2806
0/J3
C2802
0.01/UBV
1 I/O
2 I/O
3 I/O
4 GND
5 I/O
6 I/O
7 I/O
8 I/O
9 VCC
10 I/O
11 I/O
IC2801
T160G11-1258
33 I/O
32 I/O
31 I/O
30 I/O
29 VCC
28 I/O
27 I/O
26 I/O
25 I/O
24 GND
23 I/O
R2808
0/J3
(1, 2) S_REEL_FG
(1, 10) S_REEL_FWD_L
(1, 10) T_REEL_FWD_L
(1, 2) T_REEL_FG
R2803
0/J3
RESET (1)
R2807
PAT/J3
C2804
0.01/UBV
12 13 14 15 16 17 18 19 20 21 22
I/O I/O I/O I/O GND VCC I/O I/O I/O I/O I/O
DGND
C2803
0.01/UBV
Ref No. 2800 Series.

COMPONENT NAME	SERVO (FRAME CTL)	08/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM021	

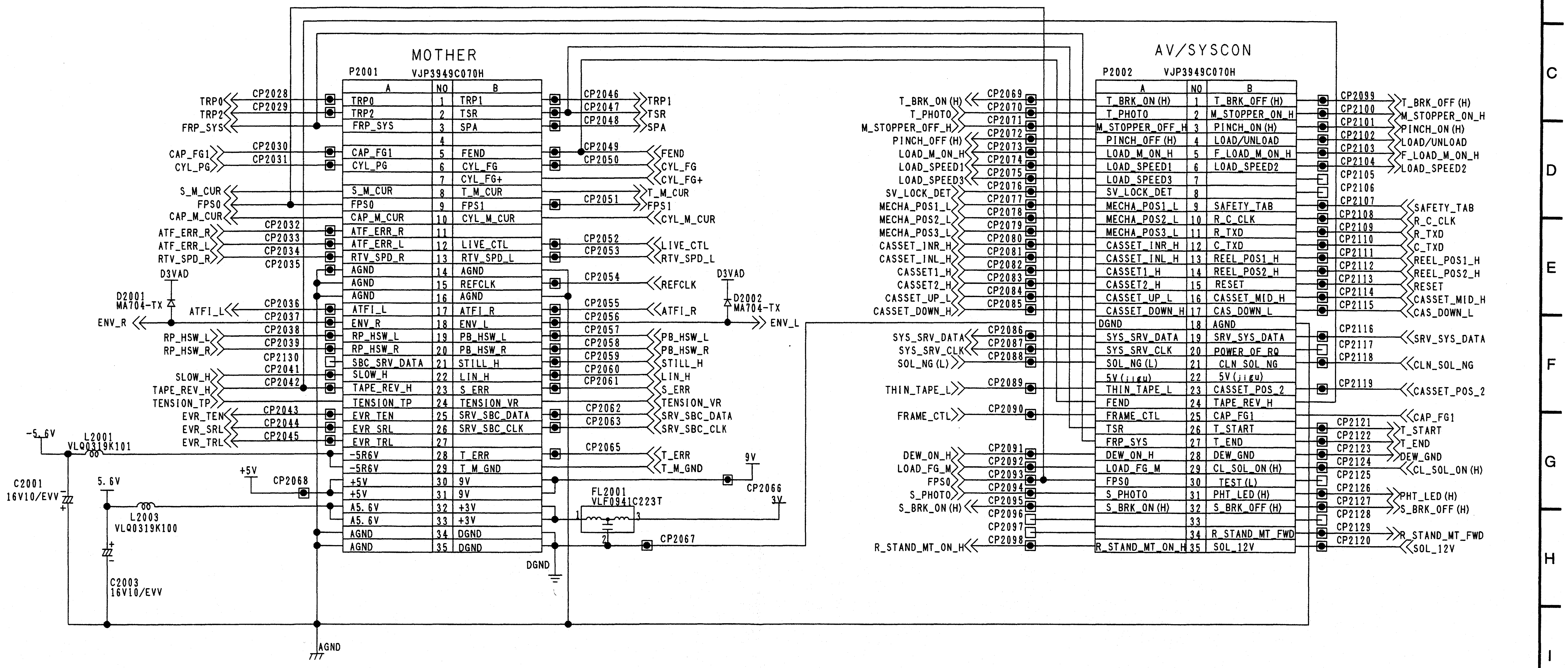
VIDE-V26967 / DRUCK30


3V
5.6V
S_FG1
AGND
RL_VREF
S_FG2
T_FG1
T_FG2
9V
TEN-
TEN+
-5.6V
A5V
EVR_TEN
S_REEL_FG1
S_REEL_FG2
T_REEL_FG1
T_REEL_FG2
FG_VCC
TENSION
TENSION_TP
TEN_VCC
TENSION_VR
TEN_2R5V
IC2901 TA75W558FUTL
IC2902 TA75W393FUTL
IC2904 TA75W558FUTL
IC2905 TA75W393FUTL
IC2906 UPC4558G2-T1
IC2907 UPC4558G2-T1
IC2908 TA75W01FUTL
Q2901 2SB1219AQRTX
L2901 VLQ0319K101
TP2903 EYF6CU
TP2906 EYF6CU
D2901 MA143-TX
D2902 MA143-TX
D2903 MA143-TX
D2904 MA143-TX
D2906 MA736-TX
D2907 MA736-TX
VR2901 PAT/VRV0161B***T
VR2902 PAT/VRV0161B***T
C2935 6V33/EVV
C2951 16V22/EVV
C2926 50V3R3/EVV
C2928 VCK0152 16V10/3225
R2949 33/J3
R2950 5600/J3
R2951 390/J3
R2962 PAT/J3
R2963 0/J3
R2959 56K/J3
R2960 56K/J3
R2961 10K/J3
AGND
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

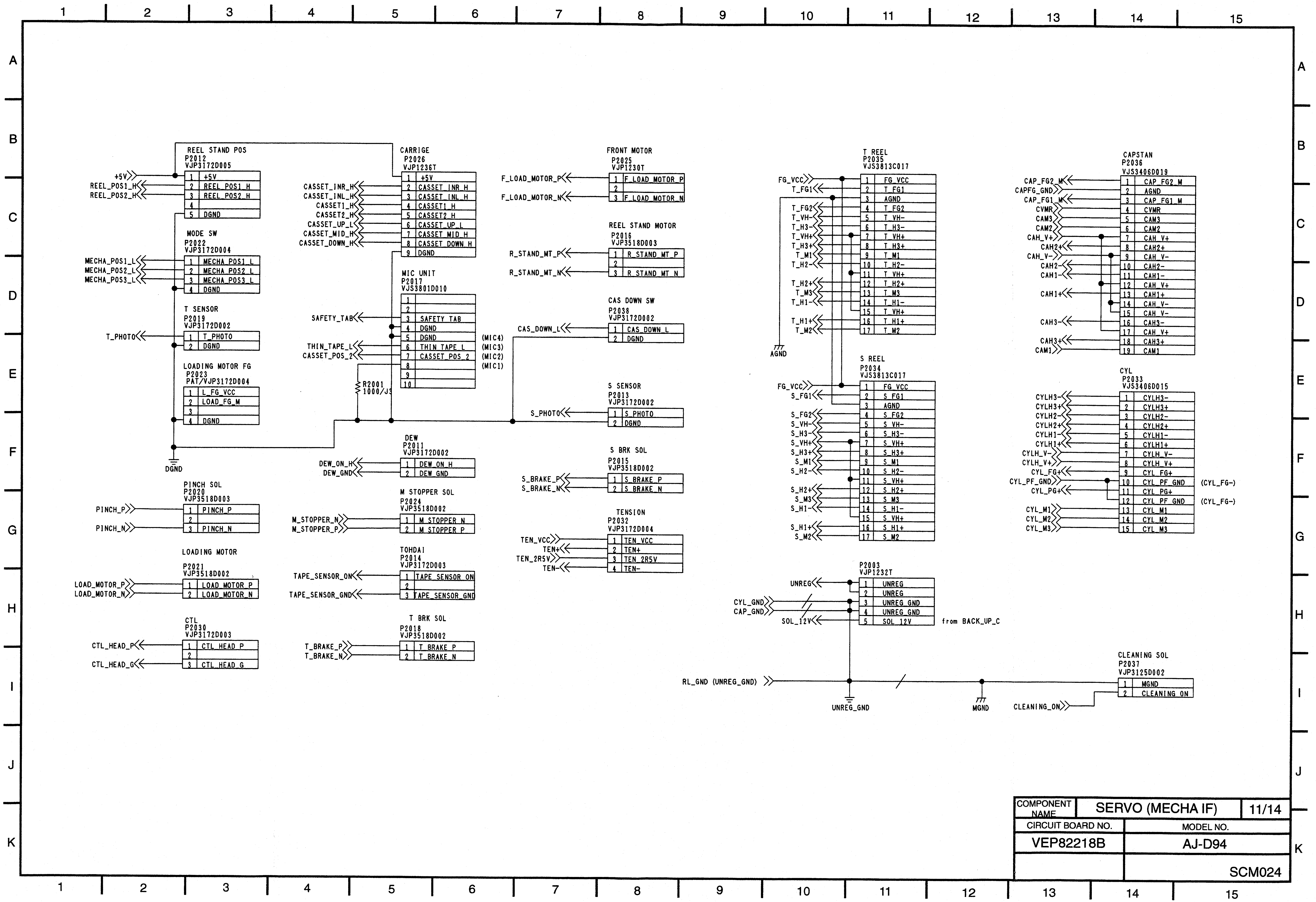
*PAT=PATTERN ONLY

Ref No. 2900 Series

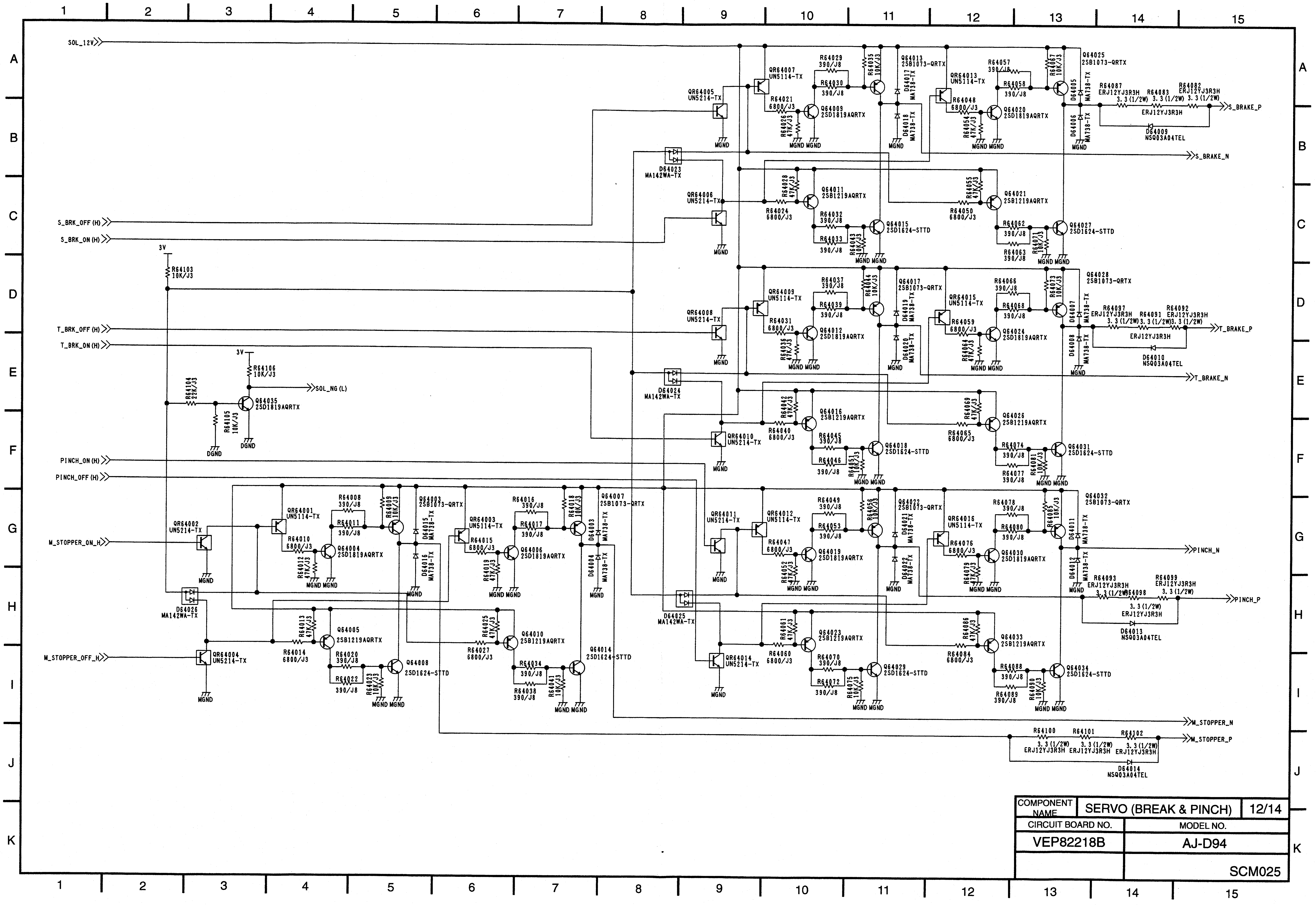
COMPONENT NAME	SERVO (REEL SERVO FG AMP)	09/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM022	


MOTHER
P2001
VJP3949C070H
A
NO
B
TRP0 1 TRP1
TRP2 2 TSR
FRP_SYS 3 SPA
4
CAP_FG1 5 FEND
CYL_PG 6 CYL_FG
7 CYL_FG+
S_M_CUR 8 T_M_CUR
FPS0 9 FPS1
CAP_M_CUR 10 CYL_M_CUR
ATF_ERR_R 11
ATF_ERR_L 12 LIVE_CTL
RTV_SPD_R 13 RTV_SPD_L
AGND 14 AGND
AGND 15 REFCLK
AGND 16 AGND
ATFI_L 17 ATFI_R
ENV_R 18 ENV_L
RP_HSW_L 19 PB_HSW_L
RP_HSW_R 20 PB_HSW_R
SBC_SRV_DATA 21 STILL_H
SLOW_H 22 LIN_H
TAPE_REV_H 23 S_ERR
TENSION_TP 24 TENSION_VR
EVR_TEN 25 SRV_SBC_DATA
EVR_SRL 26 SRV_SBC_CLK
EVR_TRL 27
-5R6V 28 T_ERR
-5R6V 29 T_M_GND
+5V 30 9V
+5V 31 9V
A5.6V 32 +3V
A5.6V 33 +3V
AGND 34 DGND
AGND 35 DGND
TRP0
TRP2
FRP_SYS
CP2028
CP2029
CAP_FG1
CYL_PG
CP2030
CP2031
S_M_CUR
FPS0
CAP_M_CUR
CP2032
CP2033
CP2034
CP2035
ATF_ERR_R
ATF_ERR_L
RTV_SPD_R
D3VAD
D2001
MA704-TX
ATFI_L
CP2036
CP2037
ENV_R
CP2038
CP2039
RP_HSW_L
RP_HSW_R
CP2130
CP2041
CP2042
SLOW_H
TAPE_REV_H
TENSION_TP
CP2043
CP2044
CP2045
EVR_TEN
EVR_SRL
EVR_TRL
-5.6V
L2001
VLQ0319K101
C2001
16V10/EVV
5.6V
L2003
VLQ0319K100
C2003
16V10/EVV
+5V
CP2068
AGND
CP2046
CP2047
CP2048
TRP1
TSR
SPA
CP2049
CP2050
FEND
CYL_FG
CYL_FG+
CP2051
T_M_CUR
FPS1
CYL_M_CUR
CP2052
CP2053
LIVE_CTL
RTV_SPD_L
CP2054
REFCLK
D3VAD
D2002
MA704-TX
CP2055
CP2056
ATFI_R
ENV_L
CP2057
CP2058
CP2059
CP2060
CP2061
PB_HSW_L
PB_HSW_R
STILL_H
LIN_H
S_ERR
TENSION_VR
CP2062
CP2063
SRV_SBC_DATA
SRV_SBC_CLK
CP2065
T_ERR
T_M_GND
9V
CP2066
3V
FL2001
VLF0941C223T
1
2
3
CP2067
DGND
AV/SYSCON
P2002
VJP3949C070H
A
NO
B
T_BRK_ON(H) 1 T_BRK_OFF(H)
T_PHOTO 2 M_STOPPER_ON_H
M_STOPPER_OFF_H 3 PINCH_ON(H)
PINCH_OFF(H) 4 LOAD/UNLOAD
LOAD_M_ON_H 5 F_LOAD_M_ON_H
LOAD_SPEED1 6 LOAD_SPEED2
LOAD_SPEED3 7
SV_LOCK_DET 8
MECHA_POS1_L 9 SAFETY_TAB
MECHA_POS2_L 10 R_C_CLK
MECHA_POS3_L 11 R_TXD
CASSET_INR_H 12 C_TXD
CASSET_INL_H 13 REEL_POS1_H
CASSET1_H 14 REEL_POS2_H
CASSET2_H 15 RESET
CASSET_UP_L 16 CASSET_MID_H
CASSET_DOWN_H 17 CAS_DOWN_L
DGND 18 AGND
SYS_SRV_DATA 19 SRV_SYS_DATA
SYS_SRV_CLK 20 POWER_OF_RQ
SOL_NG(L) 21 CLN_SOL_NG
5V(jigu) 22 5V(jigu)
THIN_TAPE_L 23 CASSET_POS_2
FEND 24 TAPE_REV_H
FRAME_CTL 25 CAP_FG1
TSR 26 T_START
FRP_SYS 27 T_END
DEW_ON_H 28 DEW_GND
LOAD_FG_M 29 CL_SOL_ON(H)
FPS0 30 TEST(L)
S_PHOTO 31 PHT_LED(H)
S_BRK_ON(H) 32 S_BRK_OFF(H)
33
34 R_STAND_MT_FWD
R_STAND_MT_ON_H 35 SOL_12V
T_BRK_ON(H)
T_PHOTO
M_STOPPER_OFF_H
PINCH_OFF(H)
LOAD_M_ON_H
LOAD_SPEED1
LOAD_SPEED3
SV_LOCK_DET
MECHA_POS1_L
MECHA_POS2_L
MECHA_POS3_L
CASSET_INR_H
CASSET_INL_H
CASSET1_H
CASSET2_H
CASSET_UP_L
CASSET_DOWN_H
CP2069
CP2070
CP2071
CP2072
CP2073
CP2074
CP2075
CP2076
CP2077
CP2078
CP2079
CP2080
CP2081
CP2082
CP2083
CP2084
CP2085
SYS_SRV_DATA
SYS_SRV_CLK
SOL_NG(L)
CP2086
CP2087
CP2088
THIN_TAPE_L
CP2089
FRAME_CTL
CP2090
DEW_ON_H
LOAD_FG_M
FPS0
S_PHOTO
S_BRK_ON(H)
R_STAND_MT_ON_H
CP2091
CP2092
CP2093
CP2094
CP2095
CP2096
CP2097
CP2098
CP2099
CP2100
CP2101
CP2102
CP2103
CP2104
CP2105
CP2106
CP2107
CP2108
CP2109
CP2110
CP2111
CP2112
CP2113
CP2114
CP2115
CP2116
CP2117
CP2118
CP2119
CP2121
CP2122
CP2123
CP2124
CP2125
CP2126
CP2127
CP2128
CP2129
CP2120
T_BRK_OFF(H)
M_STOPPER_ON_H
PINCH_ON(H)
LOAD/UNLOAD
F_LOAD_M_ON_H
LOAD_SPEED2
SAFETY_TAB
R_C_CLK
R_TXD
C_TXD
REEL_POS1_H
REEL_POS2_H
RESET
CASSET_MID_H
CAS_DOWN_L
SRV_SYS_DATA
CLN_SOL_NG
CASSET_POS_2
CAP_FG1
T_START
T_END
DEW_GND
CL_SOL_ON(H)
PHT_LED(H)
S_BRK_OFF(H)
R_STAND_MT_FWD
SOL_12V

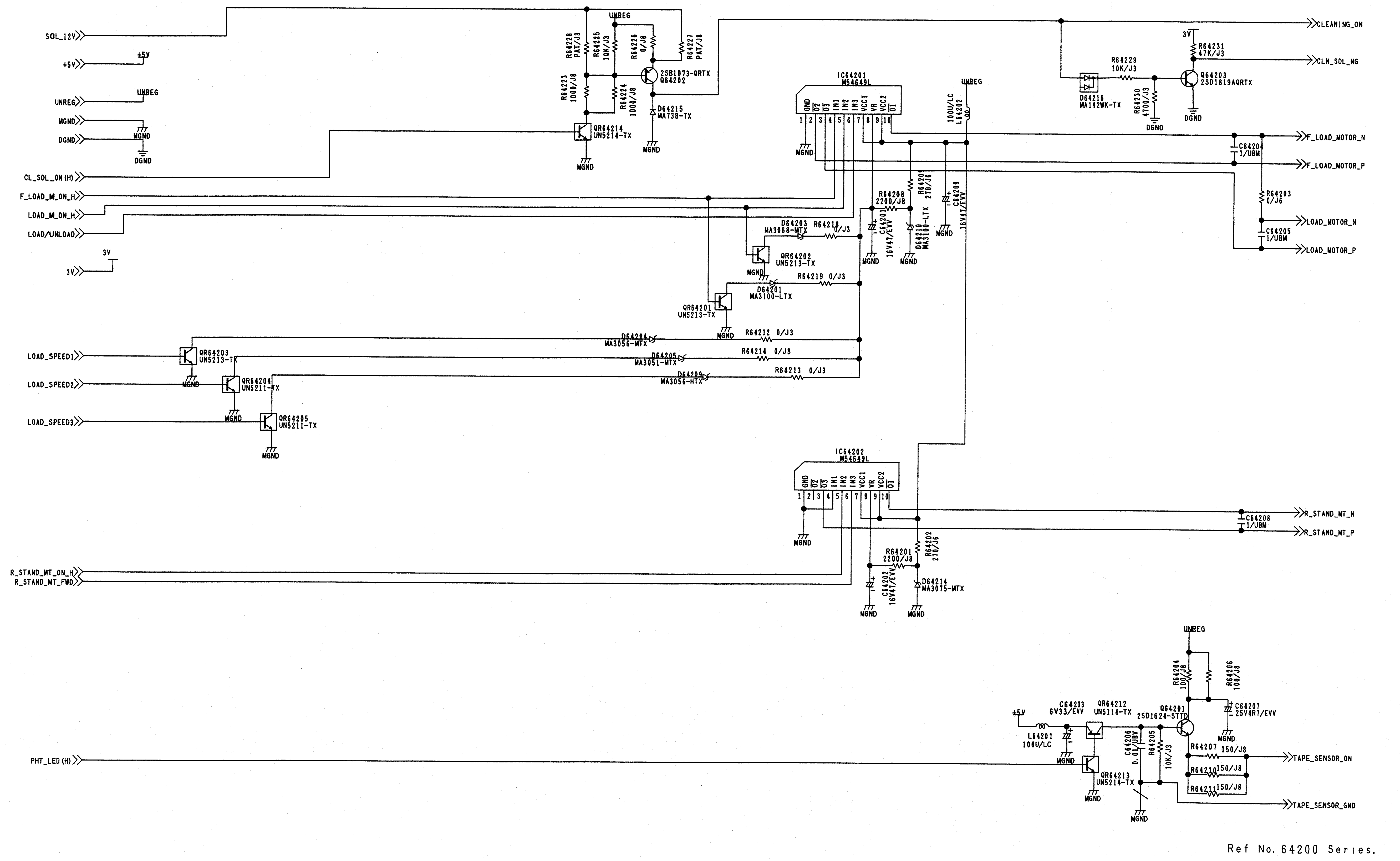
COMPONENT NAME	SERVO (CONNECT)	10/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM023	


REEL STAND POS
P2012
VJP3172D005
+5V
REEL_POS1_H
REEL_POS2_H
DGND
MODE SW
P2022
VJP3172D004
MECHA_POS1_L
MECHA_POS2_L
MECHA_POS3_L
T SENSOR
P2019
VJP3172D002
T_PHOTO
LOADING MOTOR FG
P2023
PAT/VJP3172D004
L_FG_VCC
LOAD_FG_M
PINCH SOL
P2020
VJP3518D003
PINCH_P
PINCH_N
LOADING MOTOR
P2021
VJP3518D002
LOAD_MOTOR_P
LOAD_MOTOR_N
CTL
P2030
VJP3172D003
CTL_HEAD_P
CTL_HEAD_G
CARRIGE
P2026
VJP1236T
CASSET_INR_H
CASSET_INL_H
CASSET1_H
CASSET2_H
CASSET_UP_L
CASSET_MID_H
CASSET_DOWN_H
MIC UNIT
P2017
VJS3801D010
SAFETY_TAB
THIN_TAPE_L
CASSET_POS_2
(MIC4)
(MIC3)
(MIC2)
(MIC1)
R2001
1000/J
DEW
P2011
VJP3172D002
DEW_ON_H
DEW_GND
M STOPPER SOL
P2024
VJP3518D002
M_STOPPER_N
M_STOPPER_P
TOHDAI
P2014
VJP3172D003
TAPE_SENSOR_ON
TAPE_SENSOR_GND
T BRK SOL
P2018
VJP3518D002
T_BRAKE_P
T_BRAKE_N
FRONT MOTOR
P2025
VJP1230T
F_LOAD_MOTOR_P
F_LOAD_MOTOR_N
REEL STAND MOTOR
P2016
VJP3518D003
R_STAND_MT_P
R_STAND_MT_N
CAS DOWN SW
P2038
VJP3172D002
CAS_DOWN_L
S SENSOR
P2013
VJP3172D002
S_PHOTO
S BRK SOL
P2015
VJP3518D002
S_BRAKE_P
S_BRAKE_N
TENSION
P2032
VJP3172D004
TEN_VCC
TEN+
TEN_2R5V
TEN-
T REEL
P2035
VJS3813C017
FG_VCC
T_FG1
AGND
T_FG2
T_VH-
T_H3-
T_VH+
T_H3+
T_M1
T_H2-
T_H2+
T_M3
T_H1-
T_H1+
T_M2
S REEL
P2034
VJS3813C017
S_FG1
S_FG2
S_VH-
S_H3-
S_VH+
S_H3+
S_M1
S_H2-
S_H2+
S_M3
S_H1-
S_H1+
S_M2
P2003
VJP1232T
UNREG
UNREG_GND
CYL_GND
CAP_GND
SOL_12V
from BACK_UP_C
RL_GND (UNREG_GND)
MGND
CLEANING SOL
P2037
VJP3125D002
CLEANING_ON
CAPSTAN
P2036
VJS3406D019
CAP_FG2_M
CAPFG_GND
AGND
CAP_FG1_M
CVMR
CAM3
CAM2
CAH_V+
CAH2+
CAH_V-
CAH2-
CAH1-
CAH1+
CAH3-
CAH3+
CAM1
CYL
P2033
VJS3406D015
CYLH3-
CYLH3+
CYLH2-
CYLH2+
CYLH1-
CYLH1+
CYLH_V-
CYLH_V+
CYL_FG+
CYL_PF_GND
CYL_PG+
(CYL_FG-)
CYL_M1
CYL_M2
CYL_M3
DGND
AGND

COMPONENT NAME	SERVO (MECHA IF)	11/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM024	

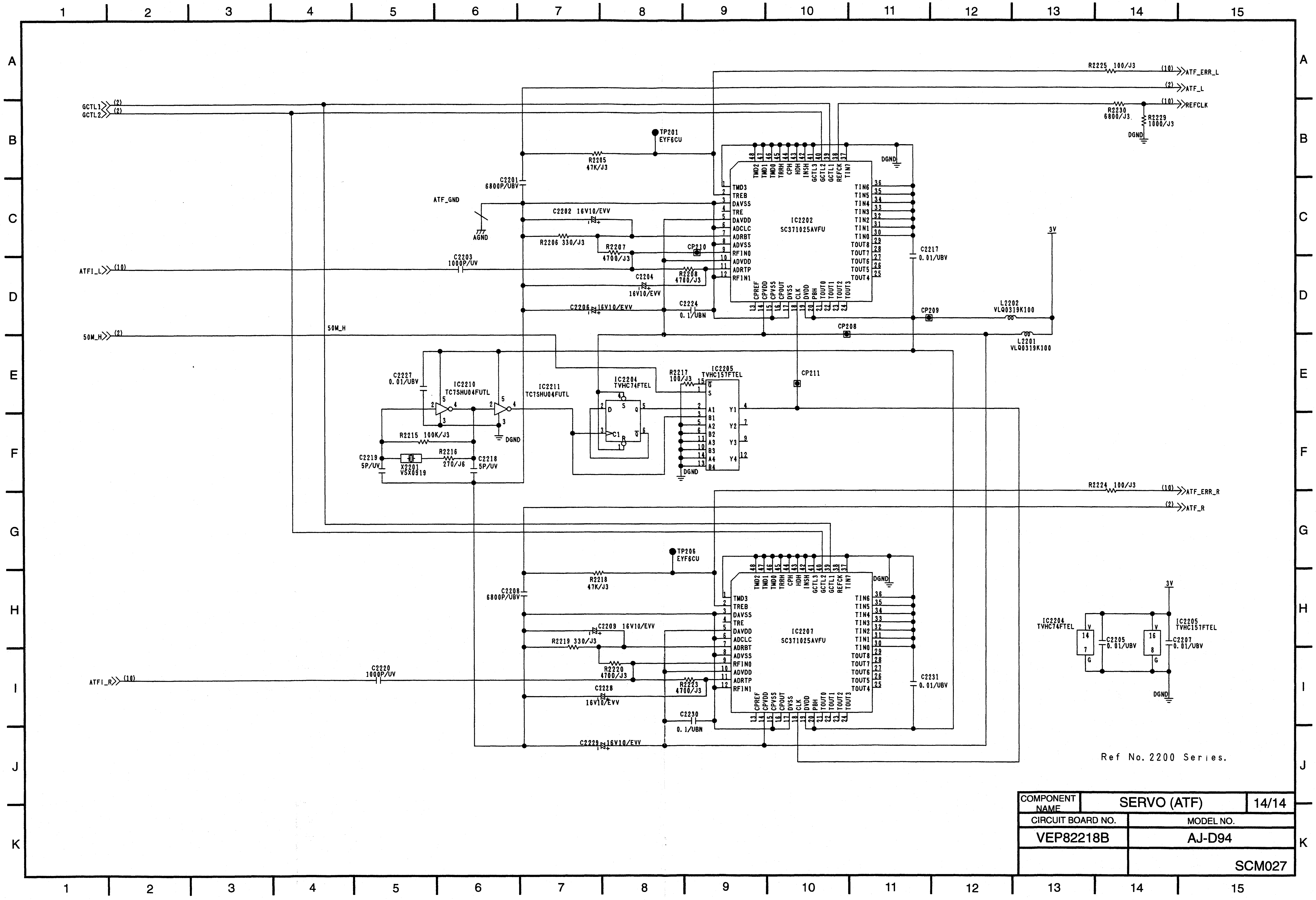

SOL_12V
S_BRK_OFF (H)
S_BRK_ON (H)
T_BRK_OFF (H)
T_BRK_ON (H)
PINCH_ON (H)
PINCH_OFF (H)
M_STOPPER_ON_H
M_STOPPER_OFF_H
S_BRAKE_P
S_BRAKE_N
T_BRAKE_P
T_BRAKE_N
PINCH_N
PINCH_P
M_STOPPER_N
M_STOPPER_P
SOL_NG (L)
3V
R64103 10K/J3
R64104 22K/J3
R64105 10K/J3
R64106 10K/J3
Q64035 2SD1819AQRTX
DGND
MGND
QR64002 UN5214-TX
QR64004 UN5214-TX
D64026 MA142WA-TX
QR64001 UN5114-TX
QR64003 UN5114-TX
Q64003 2SB1073-QRTX
Q64007 2SB1073-QRTX
Q64004 2SD1819AQRTX
Q64006 2SD1819AQRTX
Q64005 2SB1219AQRTX
Q64010 2SB1219AQRTX
Q64008 2SD1624-STTD
Q64014 2SD1624-STTD
D64015 MA738-TX
D64016 MA738-TX
D64003 MA738-TX
D64004 MA738-TX
QR64005 UN5214-TX
QR64006 UN5214-TX
QR64007 UN5114-TX
QR64008 UN5214-TX
QR64009 UN5114-TX
QR64010 UN5214-TX
QR64011 UN5214-TX
QR64012 UN5114-TX
QR64013 UN5114-TX
QR64014 UN5214-TX
QR64015 UN5114-TX
QR64016 UN5114-TX
D64023 MA142WA-TX
D64024 MA142WA-TX
D64025 MA142WA-TX
Q64009 2SD1819AQRTX
Q64011 2SB1219AQRTX
Q64012 2SD1819AQRTX
Q64013 2SB1073-QRTX
Q64015 2SD1624-STTD
Q64016 2SB1219AQRTX
Q64017 2SB1073-QRTX
Q64018 2SD1624-STTD
Q64019 2SD1819AQRTX
Q64020 2SD1819AQRTX
Q64021 2SB1219AQRTX
Q64022 2SB1073-QRTX
Q64023 2SB1219AQRTX
Q64024 2SD1819AQRTX
Q64025 2SB1073-QRTX
Q64026 2SB1219AQRTX
Q64027 2SD1624-STTD
Q64028 2SB1073-QRTX
Q64029 2SD1624-STTD
Q64030 2SD1819AQRTX
Q64031 2SD1624-STTD
Q64032 2SB1073-QRTX
Q64033 2SB1219AQRTX
Q64034 2SD1624-STTD
D64009 NSQ03A04TEL
D64010 NSQ03A04TEL
D64013 NSQ03A04TEL
D64014 NSQ03A04TEL
R64087 ERJ12YJ3R3H 3.3 (1/2W)
R64083 3.3 (1/2W)
R64082 ERJ12YJ3R3H 3.3 (1/2W)
R64097 ERJ12YJ3R3H 3.3 (1/2W)
R64091 3.3 (1/2W)
R64092 ERJ12YJ3R3H 3.3 (1/2W)
R64093 ERJ12YJ3R3H 3.3 (1/2W)
R64098 3.3 (1/2W) ERJ12YJ3R3H
R64099 ERJ12YJ3R3H 3.3 (1/2W)
R64100 3.3 (1/2W) ERJ12YJ3R3H
R64101 3.3 (1/2W) ERJ12YJ3R3H
R64102 3.3 (1/2W) ERJ12YJ3R3H
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

COMPONENT NAME	SERVO (BREAK & PINCH)	12/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM025	


SOL_12V
+5V
UNREG
MGND
DGND
CL_SOL_ON(H)
F_LOAD_M_ON_H
LOAD_M_ON_H
LOAD/UNLOAD
3V
LOAD_SPEED1
LOAD_SPEED2
LOAD_SPEED3
R_STAND_MT_ON_H
R_STAND_MT_FWD
PHT_LED(H)
R64228 PAT/J3
R64225 10K/J3
R64226 0/J8
R64227 PAT/J8
R64223 1000/J8
R64224 1000/J8
2SB1073-QRTX Q64202
D64215 MA738-TX
QR64214 UN5214-TX
R64229 10K/J3
R64231 47K/J3
Q64203 2SD1819AQRTX
D64216 MA142WK-TX
R64230 4700/J3
CLEANING_ON
CLN_SOL_NG
IC64201 M54649L
GND O2 O3 IN1 IN2 IN3 VCC1 VR VCC2 O1
100U/LC L64202
C64204 1/UBM
F_LOAD_MOTOR_N
F_LOAD_MOTOR_P
R64203 0/J6
LOAD_MOTOR_N
C64205 1/UBM
LOAD_MOTOR_P
R64208 2200/J8
R64209 270/J6
C64201 16V47/EVV
C64209 16V47/EVV
D64210 MA3100-LTX
D64203 MA3068-MTX
R64218 0/J3
QR64202 UN5213-TX
R64219 0/J3
D64201 MA3100-LTX
QR64201 UN5213-TX
D64204 MA3056-MTX
R64212 0/J3
QR64203 UN5213-TX
D64205 MA3051-MTX
R64214 0/J3
QR64204 UN5211-TX
D64209 MA3056-HTX
R64213 0/J3
QR64205 UN5211-TX
IC64202 M54649L
C64208 1/UBM
R_STAND_MT_N
R_STAND_MT_P
R64201 2200/J8
R64202 270/J6
C64202 16V47/EVV
D64214 MA3075-MTX
R64204 100/J8
R64206 100/J8
C64207 25V4R7/EVV
C64203 6V33/EVV
QR64212 UN5114-TX
Q64201 2SD1624-STTD
L64201 100U/LC
C64206 0.01/DBV
R64205 10K/J3
R64207 150/J8
R64210 150/J8
R64211 150/J8
TAPE_SENSOR_ON
TAPE_SENSOR_GND
QR64213 UN5214-TX
MGND

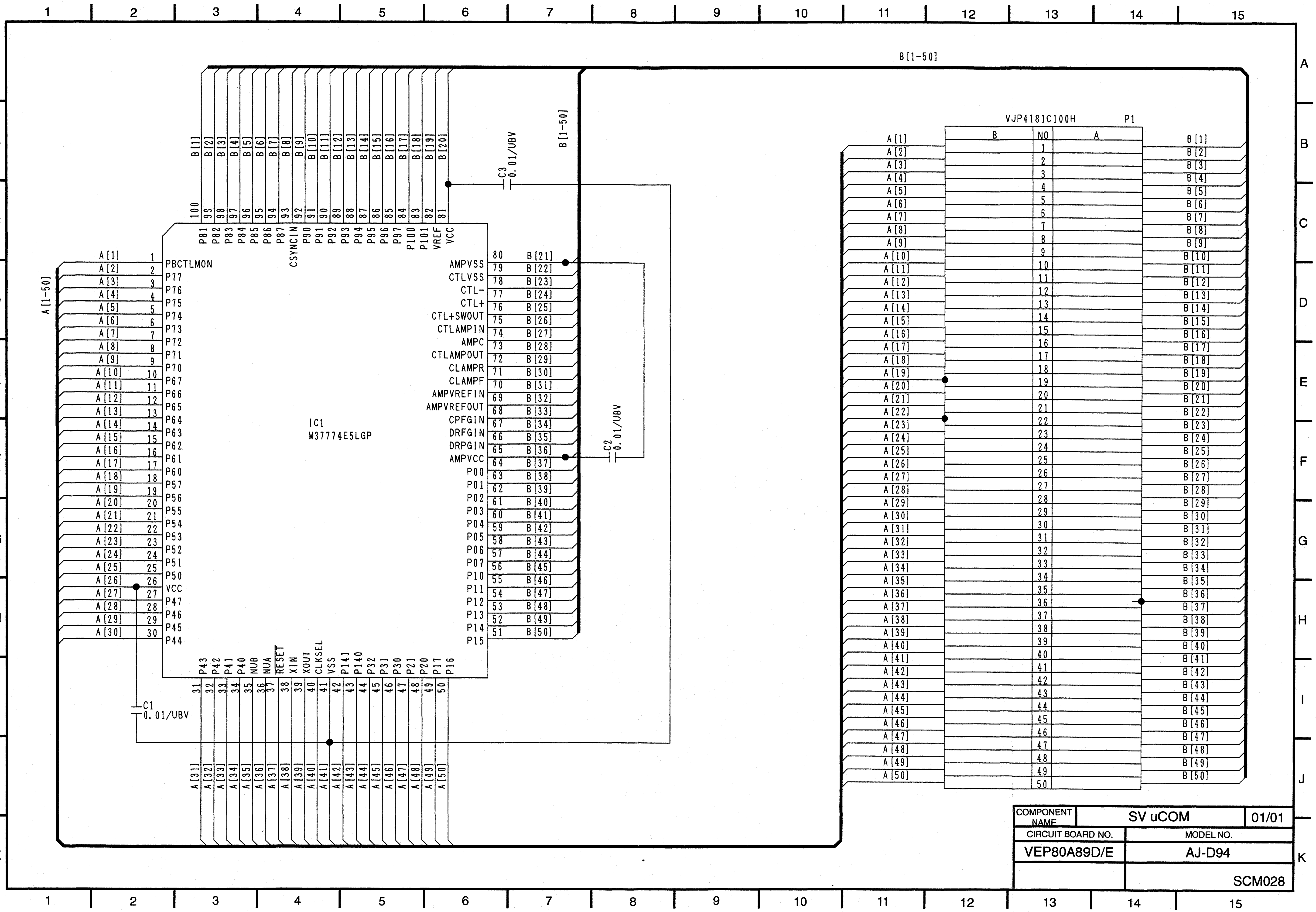
Ref No. 64200 Series.

COMPONENT NAME	SERVO (LOADING)	13/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM026	


GCTL1
GCTL2
ATFI_L
50M_H
ATFI_R
ATF_ERR_L
ATF_L
REFCLK
ATF_ERR_R
ATF_R
R2225 100/J3
R2230 6800/J3
R2229 1000/J3
DGND
TP201 EYF6CU
R2205 47K/J3
C2201 6800P/UBV
ATF_GND
AGND
C2202 16V10/EVV
R2206 330/J3
R2207 4700/J3
CP210
C2203 1000P/UV
C2204 16V10/EVV
R2208 4700/J3
C2206 16V10/EVV
C2224 0.1/UBN
IC2202 SC371025AVFU
C2217 0.01/UBV
CP209
L2202 VLQ0319K100
CP208
L2201 VLQ0319K100
3V
C2227 0.01/UBV
IC2210 TC7SHU04FUTL
IC2211 TC7SHU04FUTL
IC2204 TVHC74FTEL
R2217 100/J3
IC2205 TVHC157FTEL
CP211
R2215 100K/J3
C2219 5P/UV
X2201 VSX0919
R2216 270/J6
C2218 5P/UV
R2224 100/J3
TP206 EYF6CU
R2218 47K/J3
C2208 6800P/UBV
C2209 16V10/EVV
R2219 330/J3
R2220 4700/J3
IC2207 SC371025AVFU
C2220 1000P/UV
R2223 4700/J3
C2228 16V10/EVV
C2231 0.01/UBV
C2230 0.1/UBN
C2229 16V10/EVV
C2205 0.01/UBV
C2207 0.01/UBV
TMD3 TREB DAVSS TRE DAVDD ADCLC ADRBT ADVSS RFIN0 ADVDD ADRTP RFIN1
TMD2 TMD1 TMD0 TRRH CPH HDH INSH GCTL3 GCTL2 GCTL1 REFCK TIN7
TIN6 TIN5 TIN4 TIN3 TIN2 TIN1 TIN0 TOUT8 TOUT7 TOUT6 TOUT5 TOUT4
CPREF CPVDD CPVSS CPOUT DVSS CLK DVDD PBH TOUT0 TOUT1 TOUT2 TOUT3
A1 B1 A2 B2 A3 B3 A4 B4 Y1 Y2 Y3 Y4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

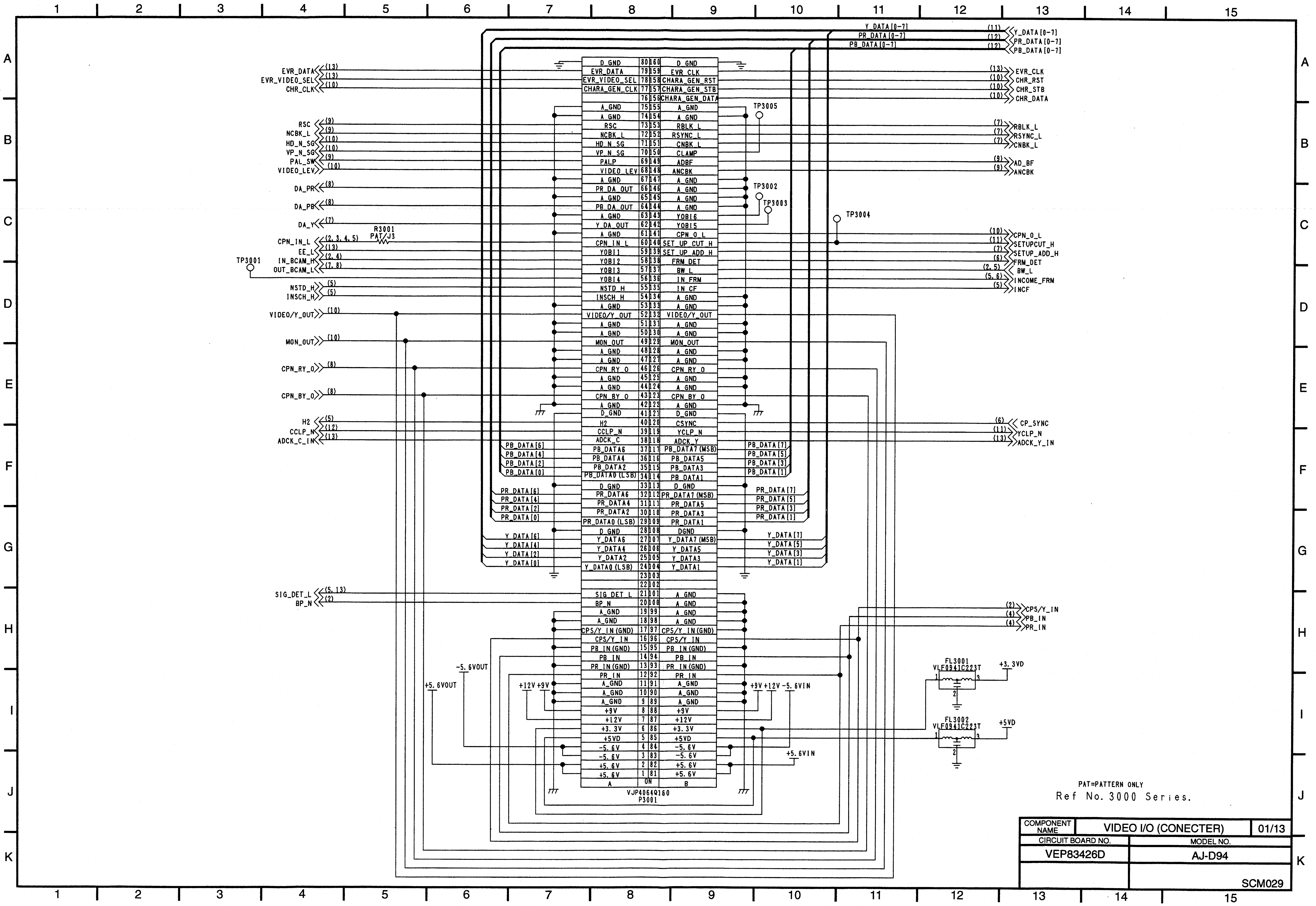
Ref No. 2200 Series.

COMPONENT NAME	SERVO (ATF)	14/14
CIRCUIT BOARD NO.	MODEL NO.	
VEP82218B	AJ-D94	
	SCM027	


B[1-50]
A[1-50]
IC1
M37774E5LGP
VJP4181C100H P1
B NO A
C1 0.01/UBV
C2 0.01/UBV
C3 0.01/UBV
PBCTLMON P77 P76 P75 P74 P73 P72 P71 P70 P67 P66 P65 P64 P63 P62 P61 P60 P57 P56 P55 P54 P53 P52 P51 P50 VCC P47 P46 P45 P44
P81 P82 P83 P84 P85 P86 P87 CSYNCIN P90 P91 P92 P93 P94 P95 P96 P97 P100 P101 VREF VCC
AMPVSS CTLVSS CTL- CTL+ CTL+SWOUT CTLAMPIN AMPC CTLAMPOUT CLAMPR CLAMPF AMPVREFIN AMPVREFOUT CPFGIN DRFGIN DRPGIN AMPVCC P00 P01 P02 P03 P04 P05 P06 P07 P10 P11 P12 P13 P14 P15
P43 P42 P41 P40 NUB NUA RESET XIN XOUT CLKSEL VSS P141 P140 P32 P31 P30 P21 P20 P17 P16

COMPONENT NAME	SV uCOM	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A89D/E	AJ-D94	
	SCM028	

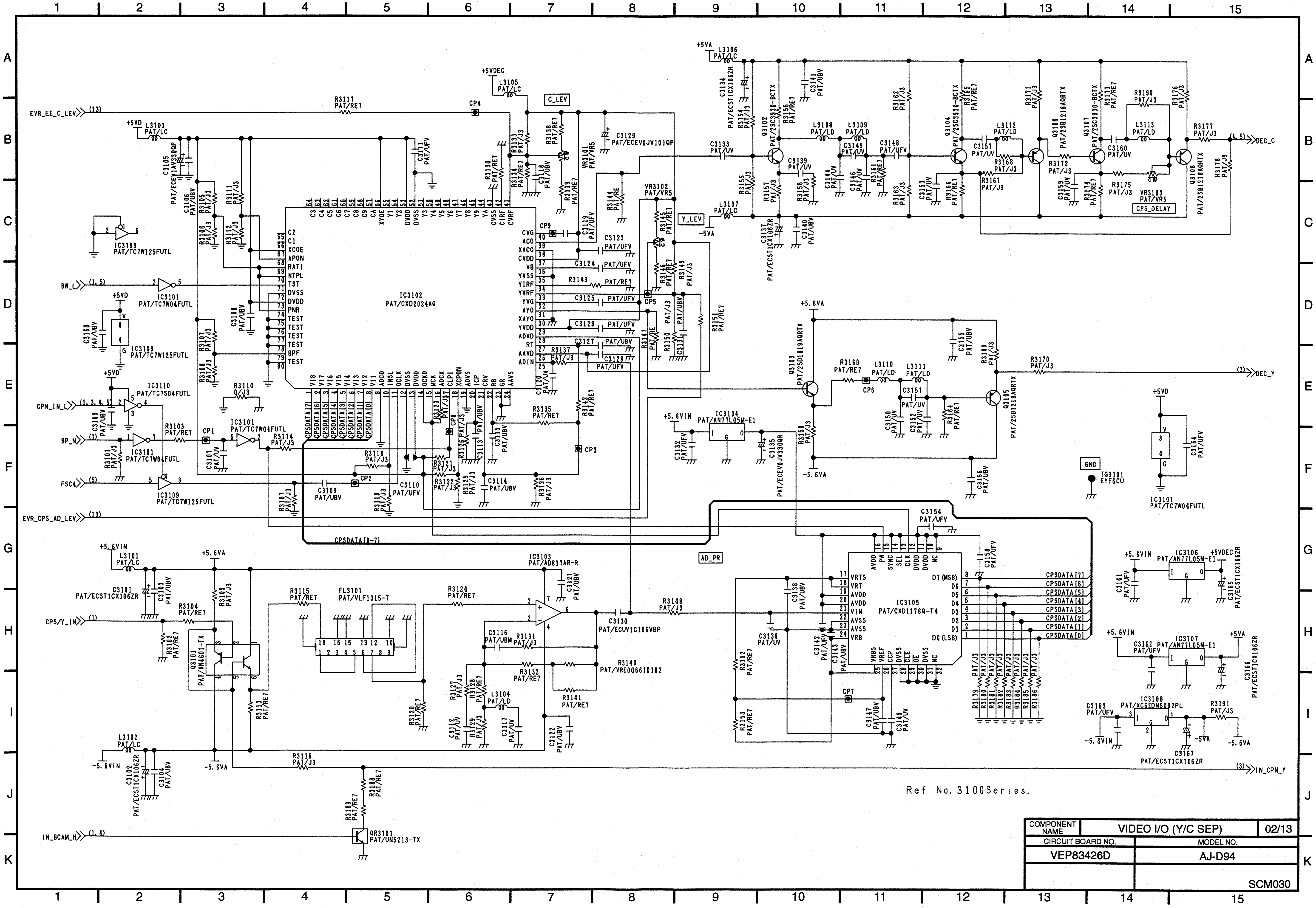
VIDE-V26967 / DRUCK37


Y_DATA[0-7]
PR_DATA[0-7]
PB_DATA[0-7]
(11) Y_DATA[0-7]
(12) PR_DATA[0-7]
(12) PB_DATA[0-7]
EVR_DATA (13)
EVR_VIDEO_SEL (13)
CHR_CLK (10)
RSC (9)
NCBK_L (9)
HD_N_SG (10)
VP_N_SG (10)
PAL_SW (9)
VIDEO_LEV (10)
DA_PR (8)
DA_PB (8)
DA_Y (7)
CPN_IN_L (2,3,4,5)
R3001 PAT/J3
EE_L (13)
IN_BCAM_H (2,4)
OUT_BCAM_L (7,8)
TP3001
NSTD_H (5)
INSCH_H (5)
VIDEO/Y_OUT (10)
MON_OUT (10)
CPN_RY_O (8)
CPN_BY_O (8)
H2 (5)
CCLP_N (12)
ADCK_C_IN (13)
SIG_DET_L (5,13)
BP_N (2)
(13) EVR_CLK
(10) CHR_RST
(10) CHR_STB
(10) CHR_DATA
TP3005
(7) RBLK_L
(7) RSYNC_L
(7) CNBK_L
(9) AD_BF
(9) ANCBK
TP3002
TP3003
TP3004
(10) CPN_O_L
(11) SETUPCUT_H
(7) SETUP_ADD_H
(6) FRM_DET
(2,5) BW_L
(5,6) INCOME_FRM
(5) INCF
(6) CP_SYNC
(11) YCLP_N
(13) ADCK_Y_IN
(2) CPS/Y_IN
(4) PB_IN
(4) PR_IN
D_GND 80 160 D_GND
EVR_DATA 79 159 EVR_CLK
EVR_VIDEO_SEL 78 158 CHARA_GEN_RST
CHARA_GEN_CLK 77 157 CHARA_GEN_STB
76 156 CHARA_GEN_DATA
A_GND 75 155 A_GND
A_GND 74 154 A_GND
RSC 73 153 RBLK_L
NCBK_L 72 152 RSYNC_L
HD_N_SG 71 151 CNBK_L
VP_N_SG 70 150 CLAMP
PALP 69 149 ADBF
VIDEO_LEV 68 148 ANCBK
A_GND 67 147 A_GND
PR_DA_OUT 66 146 A_GND
A_GND 65 145 A_GND
PB_DA_OUT 64 144 A_GND
A_GND 63 143 YOBI6
Y_DA_OUT 62 142 YOBI5
A_GND 61 141 CPN_O_L
CPN_IN_L 60 140 SET_UP_CUT_H
YOBI1 59 139 SET_UP_ADD_H
YOBI2 58 138 FRM_DET
YOBI3 57 137 BW_L
YOBI4 56 136 IN_FRM
NSTD_H 55 135 IN_CF
INSCH_H 54 134 A_GND
A_GND 53 133 A_GND
VIDEO/Y_OUT 52 132 VIDEO/Y_OUT
A_GND 51 131 A_GND
A_GND 50 130 A_GND
MON_OUT 49 129 MON_OUT
A_GND 48 128 A_GND
A_GND 47 127 A_GND
CPN_RY_O 46 126 CPN_RY_O
A_GND 45 125 A_GND
A_GND 44 124 A_GND
CPN_BY_O 43 123 CPN_BY_O
A_GND 42 122 A_GND
D_GND 41 121 D_GND
H2 40 120 CSYNC
CCLP_N 39 119 YCLP_N
ADCK_C 38 118 ADCK_Y
PB_DATA6 37 117 PB_DATA7(MSB)
PB_DATA4 36 116 PB_DATA5
PB_DATA2 35 115 PB_DATA3
PB_DATA0(LSB) 34 114 PB_DATA1
D_GND 33 113 D_GND
PR_DATA6 32 112 PR_DATA7(MSB)
PR_DATA4 31 111 PR_DATA5
PR_DATA2 30 110 PR_DATA3
PR_DATA0(LSB) 29 109 PR_DATA1
D_GND 28 108 DGND
Y_DATA6 27 107 Y_DATA7(MSB)
Y_DATA4 26 106 Y_DATA5
Y_DATA2 25 105 Y_DATA3
Y_DATA0(LSB) 24 104 Y_DATA1
23 103
22 102
SIG_DET_L 21 101 A_GND
BP_N 20 100 A_GND
A_GND 19 99 A_GND
A_GND 18 98 A_GND
CPS/Y_IN(GND) 17 97 CPS/Y_IN(GND)
CPS/Y_IN 16 96 CPS/Y_IN
PB_IN(GND) 15 95 PB_IN(GND)
PB_IN 14 94 PB_IN
PR_IN(GND) 13 93 PR_IN(GND)
PR_IN 12 92 PR_IN
A_GND 11 91 A_GND
A_GND 10 90 A_GND
A_GND 9 89 A_GND
+9V 8 88 +9V
+12V 7 87 +12V
+3.3V 6 86 +3.3V
+5VD 5 85 +5VD
-5.6V 4 84 -5.6V
-5.6V 3 83 -5.6V
+5.6V 2 82 +5.6V
+5.6V 1 81 +5.6V
A ON B
VJP4064Q160
P3001
PB_DATA[6]
PB_DATA[4]
PB_DATA[2]
PB_DATA[0]
PB_DATA[7]
PB_DATA[5]
PB_DATA[3]
PB_DATA[1]
PR_DATA[6]
PR_DATA[4]
PR_DATA[2]
PR_DATA[0]
PR_DATA[7]
PR_DATA[5]
PR_DATA[3]
PR_DATA[1]
Y_DATA[6]
Y_DATA[4]
Y_DATA[2]
Y_DATA[0]
Y_DATA[7]
Y_DATA[5]
Y_DATA[3]
Y_DATA[1]
-5.6VOUT
+5.6VOUT
+12V +9V
+9V +12V -5.6VIN
+5.6VIN
FL3001
VLF0941C223T
+3.3VD
FL3002
VLF0941C223T
+5VD
1 2 3

PAT=PATTERN ONLY

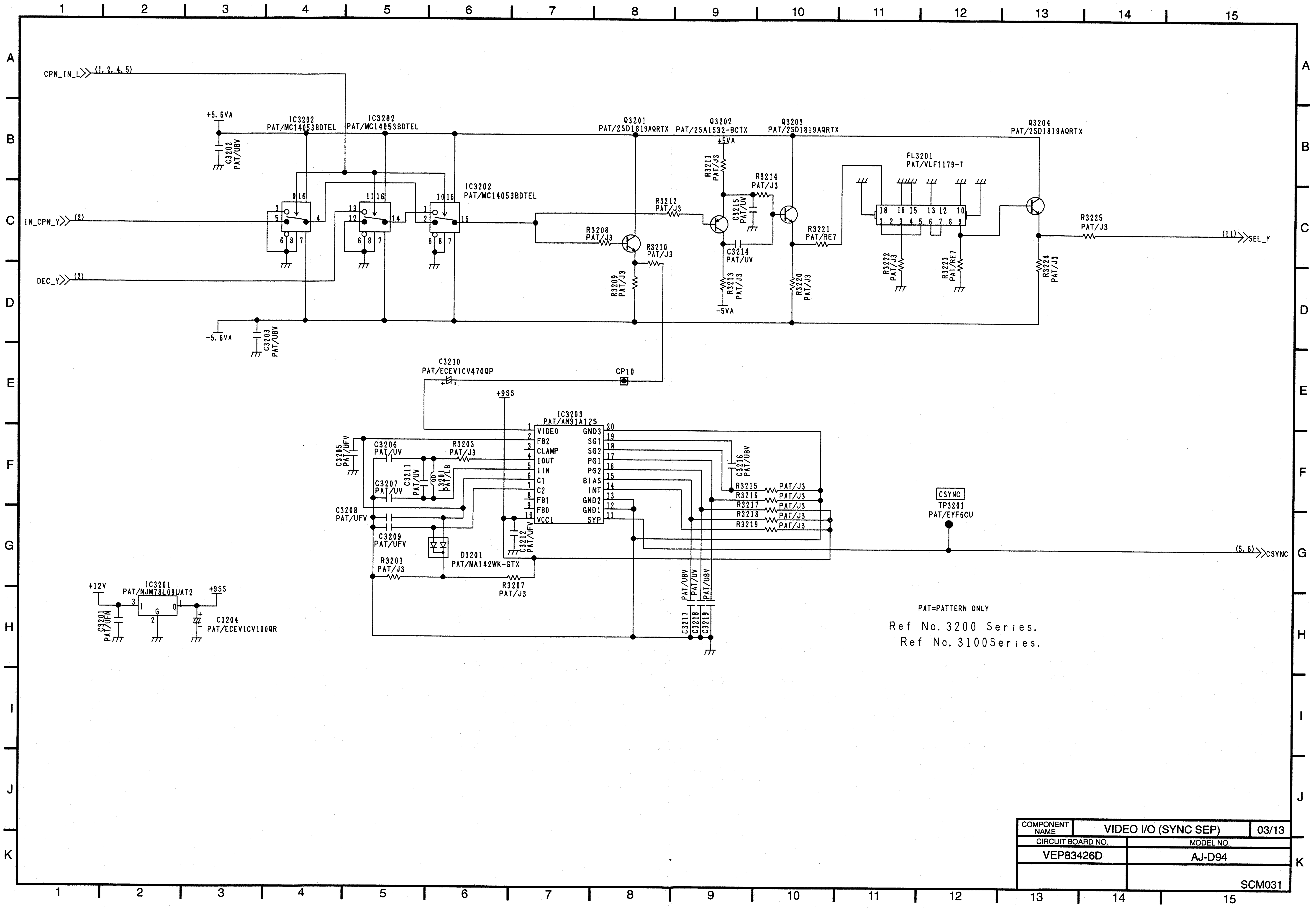
Ref No. 3000 Series.

COMPONENT NAME	VIDEO I/O (CONECTER)	01/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
	SCM029	


EVR_EE_C_LEV
BW_L
CPN_IN_L
BP_N
FSC4
EVR_CPS_AD_LEV
CPS/Y_IN
IN_BCAM_H
IN_CPN_Y
DEC_C
DEC_Y
C_LEV
Y_LEV
CPS_DELAY
AD_PR
GND
CPSDATA[0-7]
IC3102 PAT/CXD2024AQ
IC3105 PAT/CXD1176Q-T4
IC3103 PAT/AD817AR-R
IC3101 PAT/TC7W04FUTL
IC3109 PAT/TC7W125FUTL
IC3110 PAT/TC7S04FUTL
IC3104 PAT/AN77L05M-E1
IC3106 PAT/AN77L05M-E1
IC3107 PAT/AN77L05M-E1
IC3108 PAT/XC62DN5002PL
FL3101 PAT/VLF1015-T
Q3101 PAT/XN4601-TX
Q3102 PAT/2SC3930-BCTX
Q3103 PAT/2SD1819AQRTX
Q3104 PAT/2SC3930-BCTX
Q3105 PAT/2SB1218AQRTX
Q3106 PAT/2SB1218AQRTX
Q3107 PAT/2SC3930-BCTX
Q3108 PAT/2SB1218AQRTX
QR3101 PAT/UN5213-TX
VR3101 PAT/VR5
VR3102 PAT/VR5
VR3103 PAT/VR5
TG3101 EYF6CU
+5VD
+5VA
-5VA
+5.6VA
-5.6VA
+5.6VIN
-5.6VIN
+5VDEC
Ref No.3100Series.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

COMPONENT NAME	VIDEO I/O (Y/C SEP)	02/13
CIRCUIT BOARD NO.		MODEL NO.
VEP83426D		AJ-D94

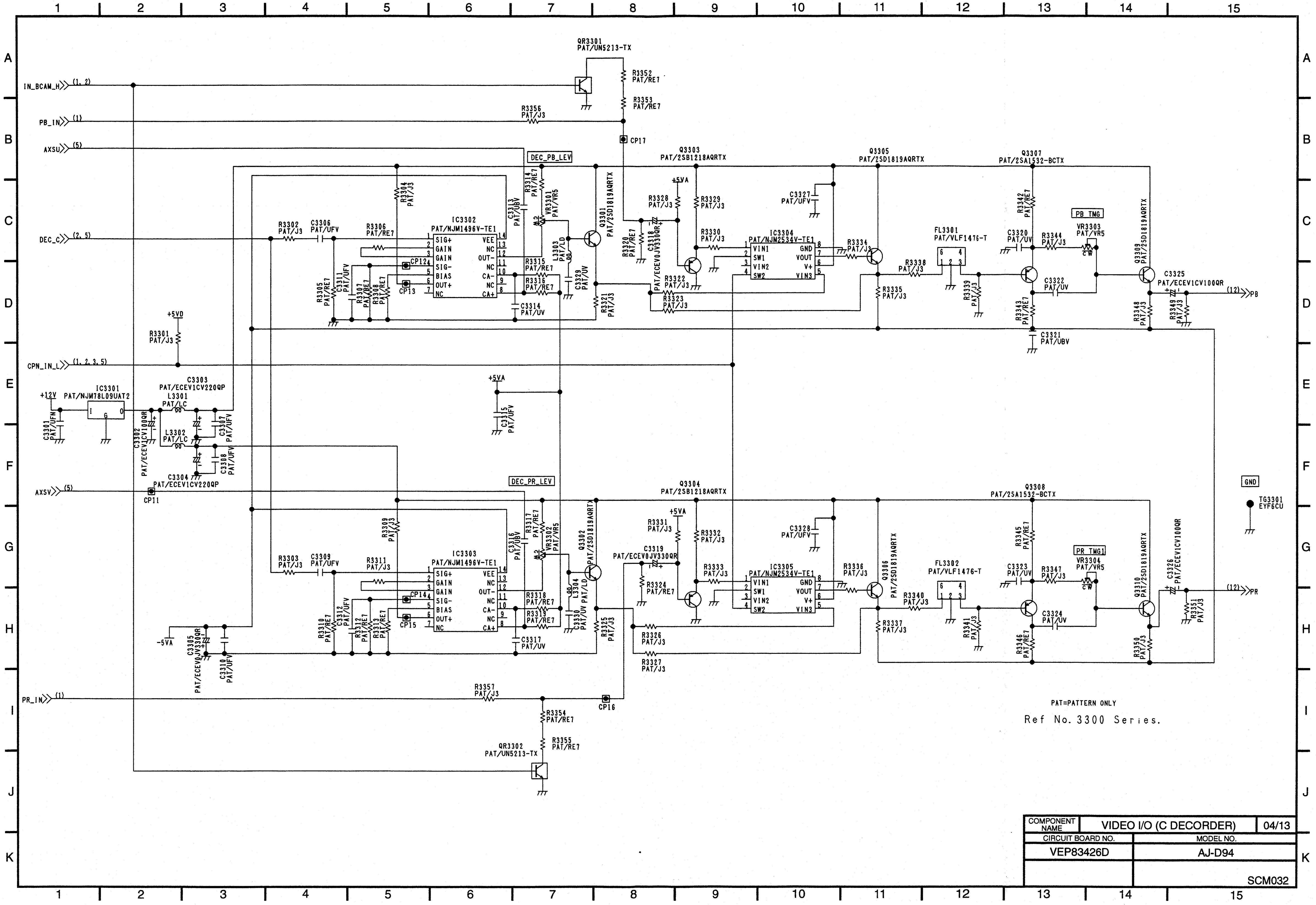
SCM030


CPN_IN_L (1, 2, 4, 5)
IN_CPN_Y (2)
DEC_Y (2)
+5.6VA
-5.6VA
C3202 PAT/UBV
C3203 PAT/UBV
IC3202 PAT/MC14053BDTEL
IC3202 PAT/MC14053BDTEL
IC3202 PAT/MC14053BDTEL
Q3201 PAT/2SD1819AQRTX
Q3202 PAT/2SA1532-BCTX
Q3203 PAT/2SD1819AQRTX
Q3204 PAT/2SD1819AQRTX
+5VA
-5VA
R3211 PAT/J3
R3214 PAT/J3
R3212 PAT/J3
C3215 PAT/UV
R3208 PAT/J3
R3210 PAT/J3
C3214 PAT/UV
R3209 PAT/J3
R3213 PAT/J3
R3220 PAT/J3
R3221 PAT/RE7
FL3201 PAT/VLF1179-T
R3222 PAT/J3
R3223 PAT/RE7
R3224 PAT/J3
R3225 PAT/J3
(11) SEL_Y
C3210 PAT/ECEV1CV470QP
CP10
+9SS
IC3203 PAT/AN91A12S
VIDEO
FB2
CLAMP
IOUT
IIN
C1
C2
FB1
FB0
VCC1
GND3
SG1
SG2
PG1
PG2
BIAS
INT
GND2
GND1
SYP
C3205 PAT/UFV
C3206 PAT/UV
R3203 PAT/J3
C3211 PAT/UV
L3201 PAT/LB
C3207 PAT/UV
C3208 PAT/UFV
C3209 PAT/UFV
C3212 PAT/UFV
D3201 PAT/MA142WK-GTX
R3201 PAT/J3
R3207 PAT/J3
C3216 PAT/UBV
R3215 PAT/J3
R3216 PAT/J3
R3217 PAT/J3
R3218 PAT/J3
R3219 PAT/J3
C3217 PAT/UBV
C3218 PAT/UV
C3219 PAT/UBV
CSYNC
TP3201 PAT/EYF6CU
(5, 6) CSYNC
+12V
IC3201 PAT/NJM78L09UAT2
+9SS
C3201 PAT/UFN
C3204 PAT/ECEV1CV100QR
A B C D E F G H I J K
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

PAT=PATTERN ONLY

Ref No. 3200 Series.
Ref No. 3100Series.

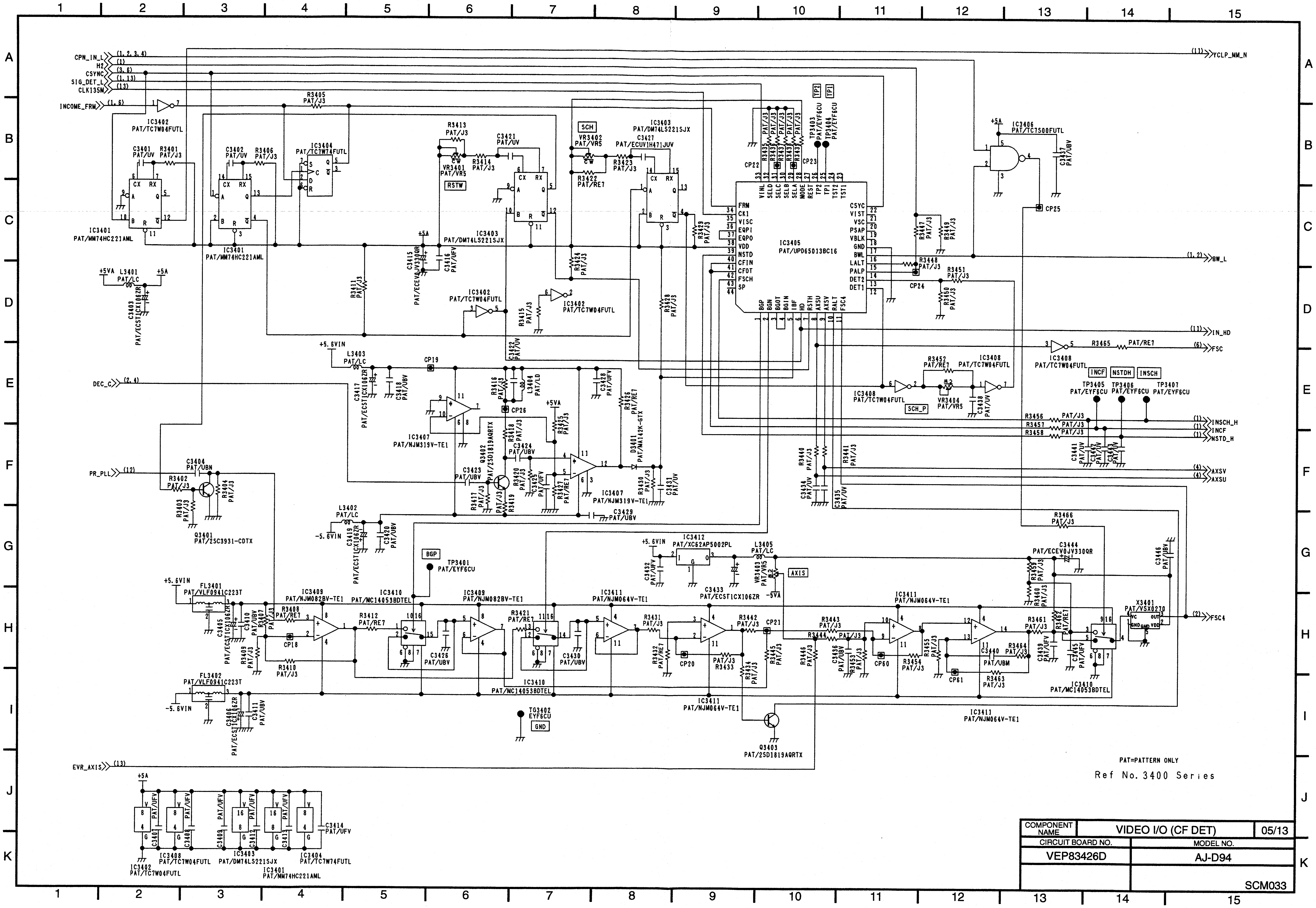
COMPONENT NAME	VIDEO I/O (SYNC SEP)	03/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
	SCM031	


IN_BCAM_H (1, 2)
PB_IN (1)
AXSU (5)
DEC_C (2, 5)
CPN_IN_L (1, 2, 3, 5)
AXSV (5)
PR_IN (1)
QR3301 PAT/UN5213-TX
R3352 PAT/RE7
R3353 PAT/RE7
R3356 PAT/J3
CP17
DEC_PB_LEV
Q3303 PAT/2SB1218AQRTX
Q3305 PAT/2SD1819AQRTX
Q3307 PAT/2SA1532-BCTX
Q3301 PAT/2SD1819AQRTX
Q3309 PAT/2SD1819AQRTX
IC3302 PAT/NJM1496V-TE1
SIG+ GAIN GAIN SIG- BIAS OUT+ NC
VEE NC OUT- NC CA- NC CA+
R3302 PAT/J3
C3306 PAT/UFV
R3306 PAT/RE7
R3304 PAT/J3
CP12
CP13
R3305 PAT/RE7
C3311 PAT/UFV
R3307 PAT/RE7
R3308 PAT/RE7
C3313 PAT/UBV
R3314 PAT/RE7
VR3301 PAT/VR5
L3303 PAT/LD
R3315 PAT/RE7
R3316 PAT/RE7
C3329 PAT/UV
C3314 PAT/UV
R3321 PAT/J3
+5VA
R3328 PAT/J3
R3329 PAT/J3
R3320 PAT/RE7
C3318 PAT/ECEV0JV330QR
R3330 PAT/J3
R3322 PAT/J3
R3323 PAT/J3
C3327 PAT/UFV
IC3304 PAT/NJM2534V-TE1
VIN1 SW1 VIN2 SW2 GND VOUT V+ VIN3
R3334 PAT/J3
R3335 PAT/J3
R3338 PAT/J3
FL3301 PAT/VLF1476-T
R3339 PAT/J3
C3320 PAT/UV
R3342 PAT/RE7
R3344 PAT/J3
PB TMG
VR3303 PAT/VR5
CW
C3322 PAT/UV
R3343 PAT/RE7
C3321 PAT/UBV
C3325 PAT/ECEV1CV100QR
R3348 PAT/J3
R3349 PAT/J3
(12) PB
+5VD
R3301 PAT/J3
+12V
IC3301 PAT/NJM78L09UAT2
I G O
C3301 PAT/UFV
C3303 PAT/ECEV1CV220QP
L3301 PAT/LC
C3302 PAT/ECEV1CV100QR
C3307 PAT/UFV
L3302 PAT/LC
C3308 PAT/UFV
C3304 PAT/ECEV1CV220QP
CP11
+5VA
C3315 PAT/UFV
DEC_PR_LEV
Q3304 PAT/2SB1218AQRTX
Q3308 PAT/2SA1532-BCTX
Q3302 PAT/2SD1819AQRTX
Q3306 PAT/2SD1819AQRTX
Q3310 PAT/2SD1819AQRTX
GND
TG3301 EYF6CU
IC3303 PAT/NJM1496V-TE1
R3303 PAT/J3
C3309 PAT/UFV
R3311 PAT/J3
R3309 PAT/J3
CP14
CP15
R3310 PAT/RE7
C3312 PAT/UFV
R3312 PAT/RE7
R3313 PAT/RE7
C3316 PAT/UBV
R3317 PAT/RE7
VR3302 PAT/VR5
L3304 PAT/LD
R3318 PAT/RE7
R3319 PAT/RE7
C3330 PAT/UV
C3317 PAT/UV
R3325 PAT/J3
-5VA
C3305 PAT/ECEV0JV330QR
C3310 PAT/UFV
R3331 PAT/J3
R3332 PAT/J3
C3319 PAT/ECEV0JV330QR
R3324 PAT/RE7
R3333 PAT/J3
R3326 PAT/J3
R3327 PAT/J3
C3328 PAT/UFV
IC3305 PAT/NJM2534V-TE1
R3336 PAT/J3
R3337 PAT/J3
R3340 PAT/J3
FL3302 PAT/VLF1476-T
R3341 PAT/J3
C3323 PAT/UV
R3345 PAT/RE7
R3347 PAT/J3
PR TMG
VR3304 PAT/VR5
C3324 PAT/UV
R3346 PAT/RE7
R3350 PAT/J3
C3326 PAT/ECEV1CV100QR
R3351 PAT/J3
(12) PR
R3357 PAT/J3
CP16
R3354 PAT/RE7
R3355 PAT/RE7
QR3302 PAT/UN5213-TX
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

PAT=PATTERN ONLY

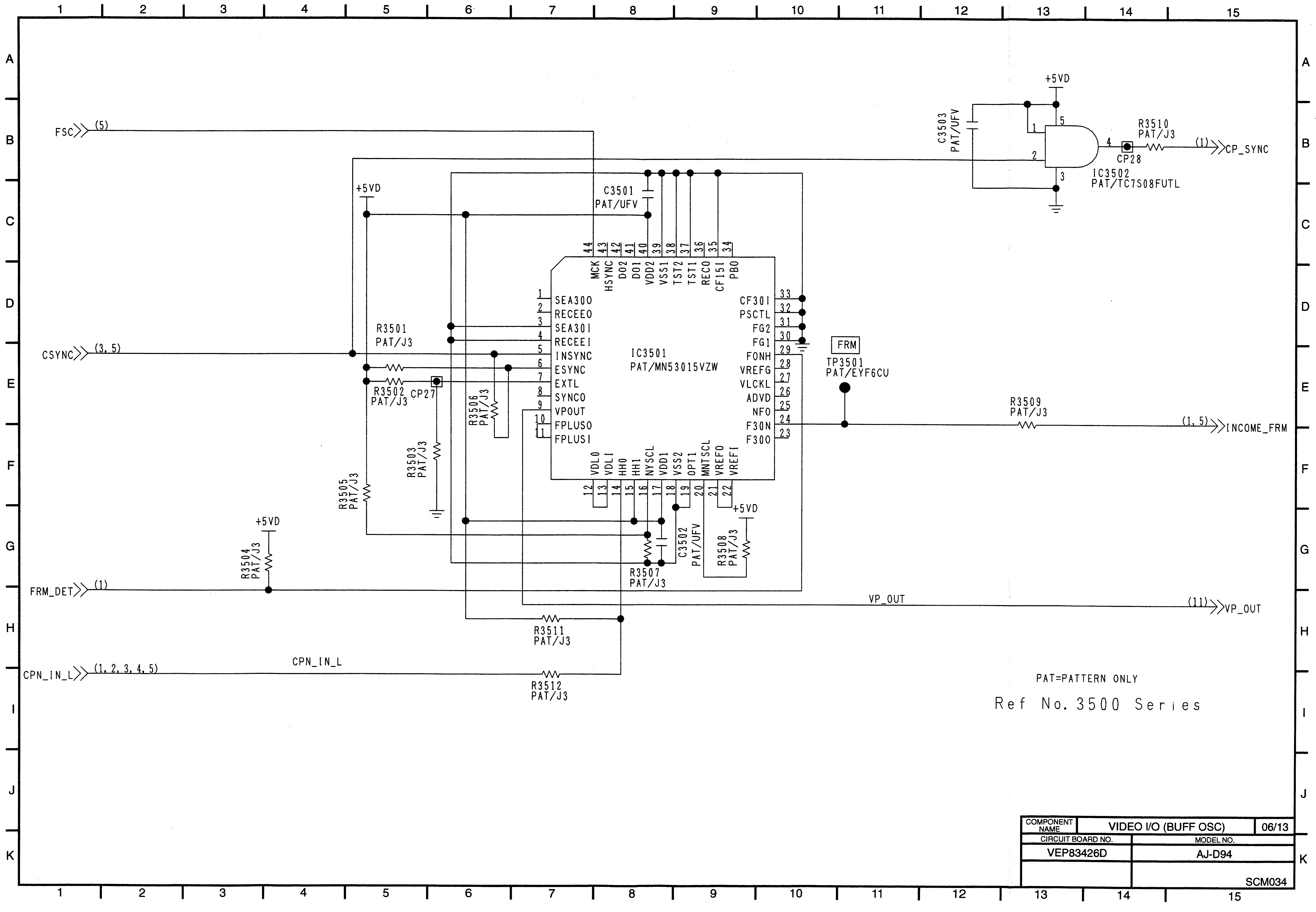
Ref No. 3300 Series.

COMPONENT NAME	VIDEO I/O (C DECORDER)	04/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
	SCM032	

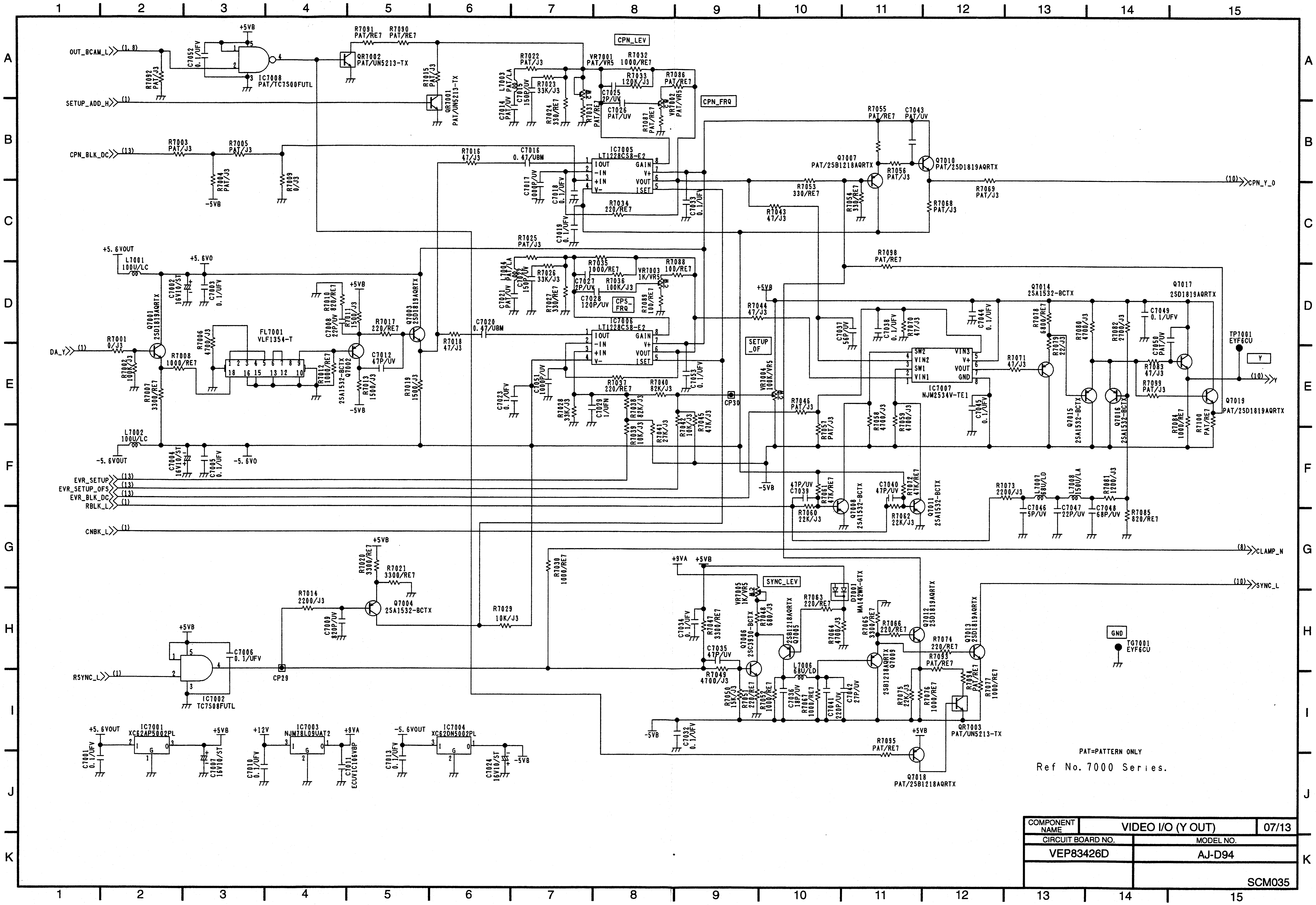

CPN_IN_L
H2
CSYNC
SIG_DET_L
CLK135M
INCOME_FRM
DEC_C
PR_PLL
EVR_AXIS
YCLP_MM_N
BW_L
IN_HD
FSC
INSCH_H
INCF
NSTD_H
AXSV
AXSU
FSC4
IC3401 PAT/MM74HC221AML
IC3402 PAT/TC7W04FUTL
IC3403 PAT/DM74LS221SJX
IC3404 PAT/TC7W74FUTL
IC3405 PAT/UPD65013BC16
IC3406 PAT/TC7S00FUTL
IC3407 PAT/NJM319V-TE1
IC3408 PAT/TC7W04FUTL
IC3409 PAT/NJM082BV-TE1
IC3410 PAT/MC14053BDTEL
IC3411 PAT/NJM064V-TE1
IC3412 PAT/XC62AP5002PL
Q3401 PAT/2SC3931-CDTX
Q3402 PAT/2SD1819AQRTX
Q3403 PAT/2SD1819AQRTX
D3401 PAT/MA142K-GTX
X3401 PAT/VSX0270
FL3401 PAT/VLF0941C223T
FL3402 PAT/VLF0941C223T
VR3401 PAT/VR5
VR3402 PAT/VR5
VR3403 PAT/VR5
VR3404 PAT/VR5
RSTW
SCH
SCH_P
BGP
AXIS
GND
INCF
NSTDH
INSCH
TP1
TP2
TP3401 PAT/EYF6CU
TP3405 PAT/EYF6CU
TP3406 PAT/EYF6CU
TP3407 PAT/EYF6CU
TG3402 EYF6CU
+5A
+5VA
+5.6VIN
-5.6VIN
-5VA
PAT=PATTERN ONLY
Ref No. 3400 Series

COMPONENT NAME	VIDEO I/O (CF DET)	05/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
		SCM033

VIDE-V26967 / DRUCK42


FSC (5)
CSYNC (3, 5)
FRM_DET (1)
CPN_IN_L (1, 2, 3, 4, 5)
CPN_IN_L
+5VD
C3501 PAT/UFV
R3501 PAT/J3
R3502 PAT/J3
CP27
R3503 PAT/J3
R3505 PAT/J3
R3506 PAT/J3
R3504 PAT/J3
R3507 PAT/J3
C3502 PAT/UFV
R3508 PAT/J3
R3511 PAT/J3
R3512 PAT/J3
IC3501 PAT/MN53015VZW
MCK HSYNC DO2 DO1 VDD2 VSS1 TST2 TST1 RECO CF151 PBO
SEA300 RECEEO SEA301 RECEEI INSYNC ESYNC EXTL SYNCO VPOUT FPLUSO FPLUSI
VDLO VDLI HHO HH1 NYSCL VDD1 VSS2 OPT1 MNTSCL VREFO VREFI
CF301 PSCTL FG2 FG1 FONH VREFG VLCKL ADVD NFO F30N F300
FRM
TP3501 PAT/EYF6CU
R3509 PAT/J3
(1, 5) INCOME_FRM
VP_OUT
(11) VP_OUT
C3503 PAT/UFV
IC3502 PAT/TC7S08FUTL
CP28
R3510 PAT/J3
(1) CP_SYNC
PAT=PATTERN ONLY
Ref No. 3500 Series

COMPONENT NAME	VIDEO I/O (BUFF OSC)	06/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
		SCM034


OUT_BCAM_L
SETUP_ADD_H
CPN_BLK_DC
DA_Y
EVR_SETUP
EVR_SETUP_OFS
EVR_BLK_DC
RBLK_L
CNBK_L
RSYNC_L
CPN_Y_O
Y
CLAMP_N
SYNC_L
CPN_LEV
CPN_FRQ
CPS_FRQ
SETUP_OF
SYNC_LEV
GND
+5VB
+5.6VOUT
-5.6VOUT
+5.6VO
-5.6VO
-5VB
+9VA
+12V
IC7008 PAT/TC7S00FUTL
IC7005 LT1228CS8-E2
IC7006 LT1228CS8-E2
IC7007 NJM2534V-TE1
IC7002 TC7S08FUTL
IC7001 XC62AP5002PL
IC7003 NJM78L09UAT2
IC7004 XC62DN5002PL
FL7001 VLF1354-T
Q7001 2SD1819AQRTX
Q7002 2SA1532-BCTX
Q7003 2SD1819AQRTX
Q7004 2SA1532-BCTX
Q7007 PAT/2SB1218AQRTX
Q7010 PAT/2SD1819AQRTX
Q7014 2SA1532-BCTX
Q7017 2SD1819AQRTX
Q7019 PAT/2SD1819AQRTX
Q7018 PAT/2SB1218AQRTX
QR7001 PAT/UN5213-TX
QR7002 PAT/UN5213-TX
QR7003 PAT/UN5213-TX
D7001 MA142WK-GTX
TP7001 EYF6CU
TG7001 EYF6CU
CP29
CP30
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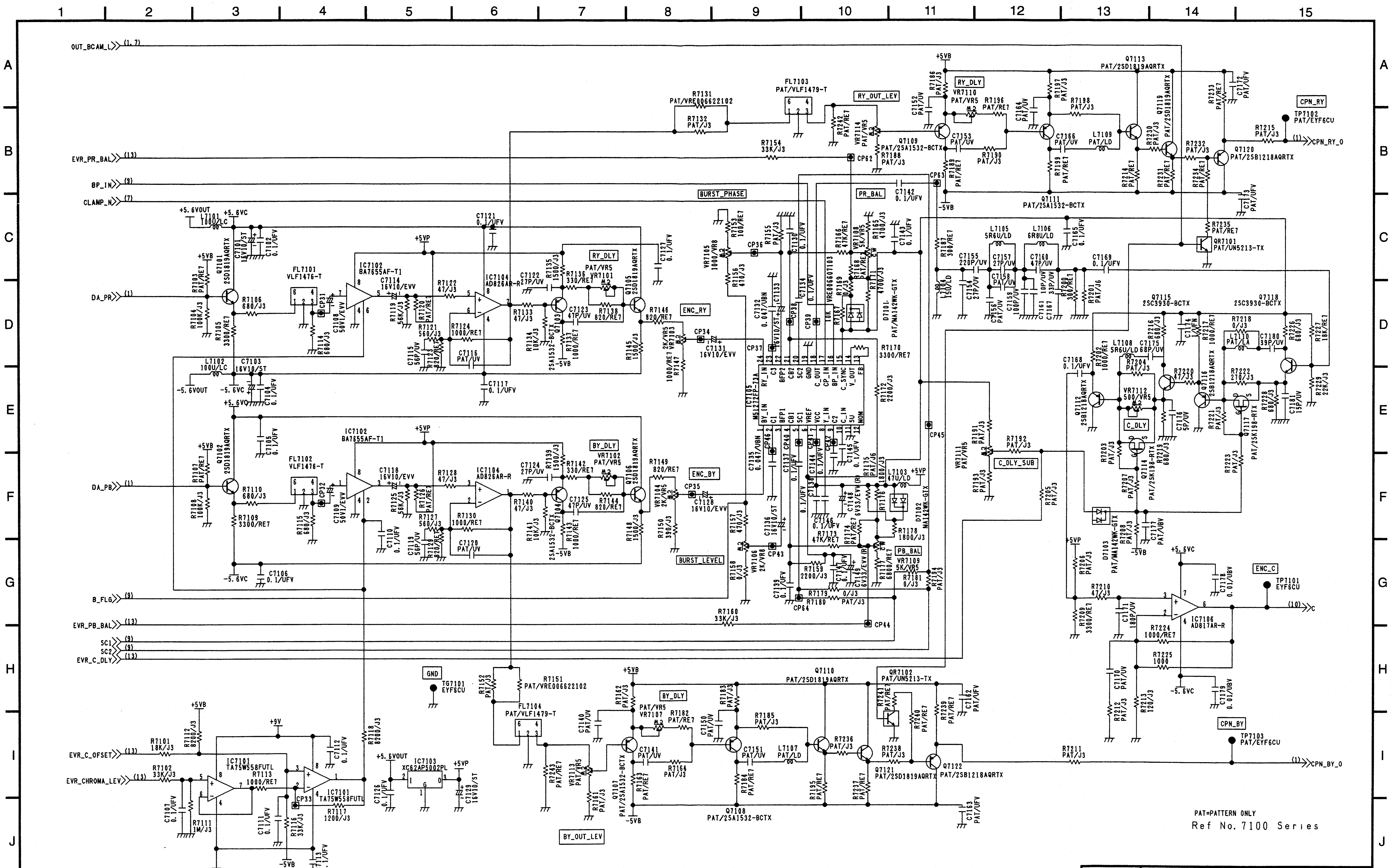
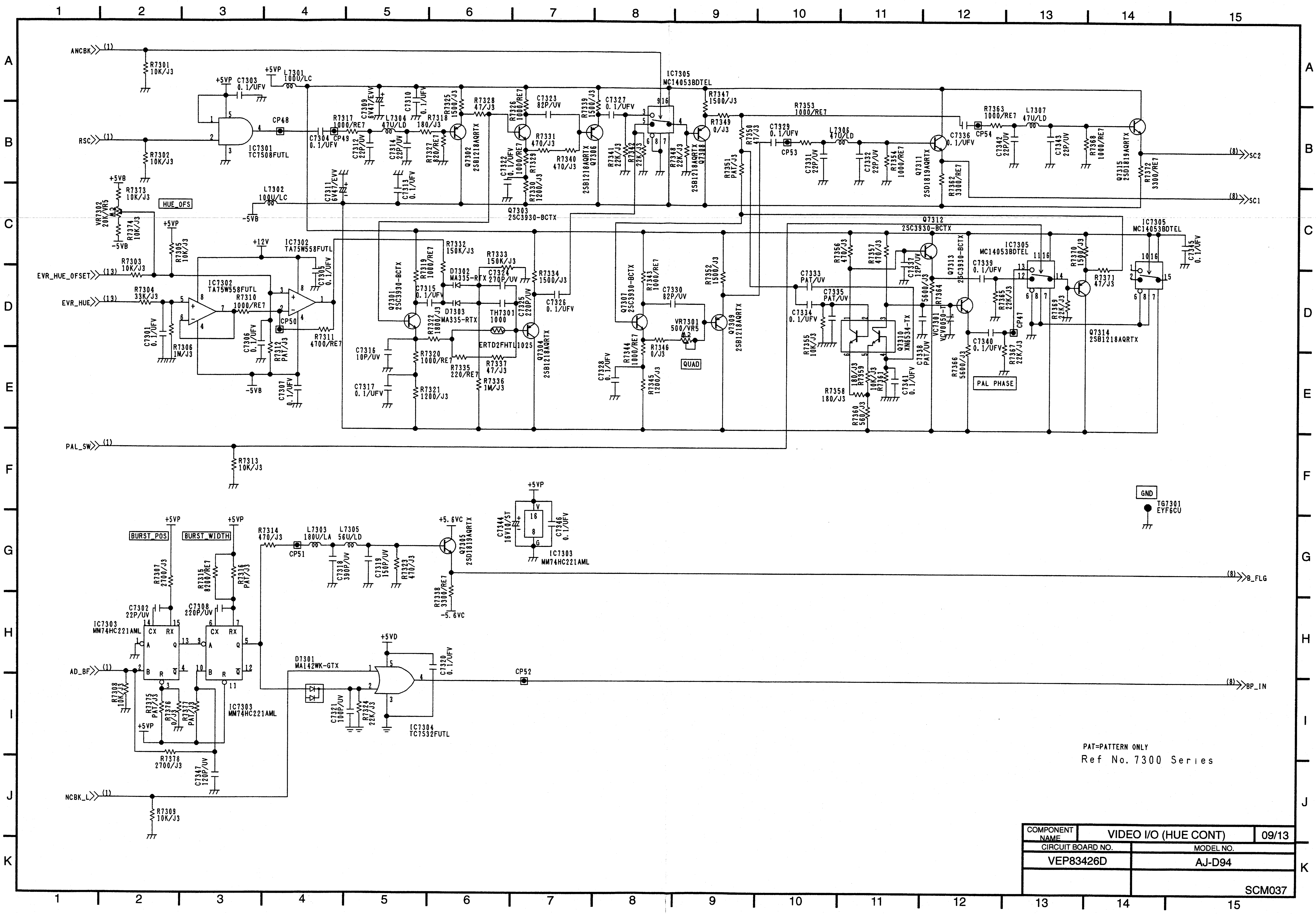
PAT=PATTERN ONLY

Ref No. 7000 Series.

COMPONENT NAME	VIDEO I/O (Y OUT)	07/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
		SCM035


OUT_BCAM_L (1, 7)
EVR_PR_BAL (13)
BP_IN (9)
CLAMP_N (7)
DA_PR (1)
DA_PB (1)
B_FLG (8)
EVR_PB_BAL (13)
SC1 (9)
SC2 (9)
EVR_C_DLY (13)
EVR_C_OFSET (13)
EVR_CHROMA_LEV (13)
IC7102 BA7655AF-T1
IC7104 AD826AR-R
IC7105 M51278FP-73A
IC7106 AD817AR-R
IC7101 TA75W558FUTL
IC7103 XC62AP5002PL
FL7101 VLF1476-T
FL7102 VLF1476-T
FL7103 PAT/VLF1479-T
FL7104 PAT/VLF1479-T
RY_DLY
BY_DLY
ENC_RY
ENC_BY
BURST_PHASE
BURST_LEVEL
PR_BAL
PB_BAL
RY_OUT_LEV
BY_OUT_LEV
C_DLY
C_DLY_SUB
CPN_RY
CPN_BY
ENC_C
GND
TP7101 EYF6CU
TP7102 PAT/EYF6CU
TP7103 PAT/EYF6CU
TG7101 EYF6CU
(1) CPN_RY_O
(10) C
(1) CPN_BY_O
+5.6VOUT
+5.6VC
-5.6VC
+5VB
-5VB
+5VP
+9V
PAT=PATTERN ONLY
Ref No. 7100 Series

COMPONENT NAME	VIDEO I/O (ENCODER)	08/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
		SCM036


ANCBK
RSC
EVR_HUE_OFSET
EVR_HUE
PAL_SW
AD_BF
NCBK_L
SC2
SC1
B_FLG
BP_IN
HUE_OFS
QUAD
PAL PHASE
BURST_POS
BURST_WIDTH
GND
TG7301 EYF6CU
IC7301 TC7S08FUTL
IC7302 TA75W558FUTL
IC7303 MM74HC221AML
IC7304 TC7S32FUTL
IC7305 MC14053BDTEL
Q7301 2SC3930-BCTX
Q7302 2SB1218AQRTX
Q7303 2SC3930-BCTX
Q7304 2SB1218AQRTX
Q7305 2SD1819AQRTX
Q7306 2SB1218AQRTX
Q7307 2SC3930-BCTX
Q7308 2SB1218AQRTX
Q7309 2SB1218AQRTX
Q7310 XN6534-TX
Q7311 2SD1819AQRTX
Q7312 2SC3930-BCTX
Q7313 2SC3930-BCTX
Q7314 2SB1218AQRTX
Q7315 2SD1819AQRTX
D7301 MA142WK-GTX
D7302 MA335-RTX
D7303 MA335-RTX
TH7301 1000 ERTD2FHTL1025
VR7301 500/VR5
VR7302 20K/VR5
VC7301
L7301 1000/LC
L7302 100U/LC
L7303 180U/LA
L7304 47U/LD
L7305 56U/LD
L7306 470/LD
L7307 47U/LD
CP47
CP48
CP49
CP50
CP51
CP52
CP53
CP54
+5VP
+5VB
-5VB
+12V
+5VD
+5.6VC
-5.6VC
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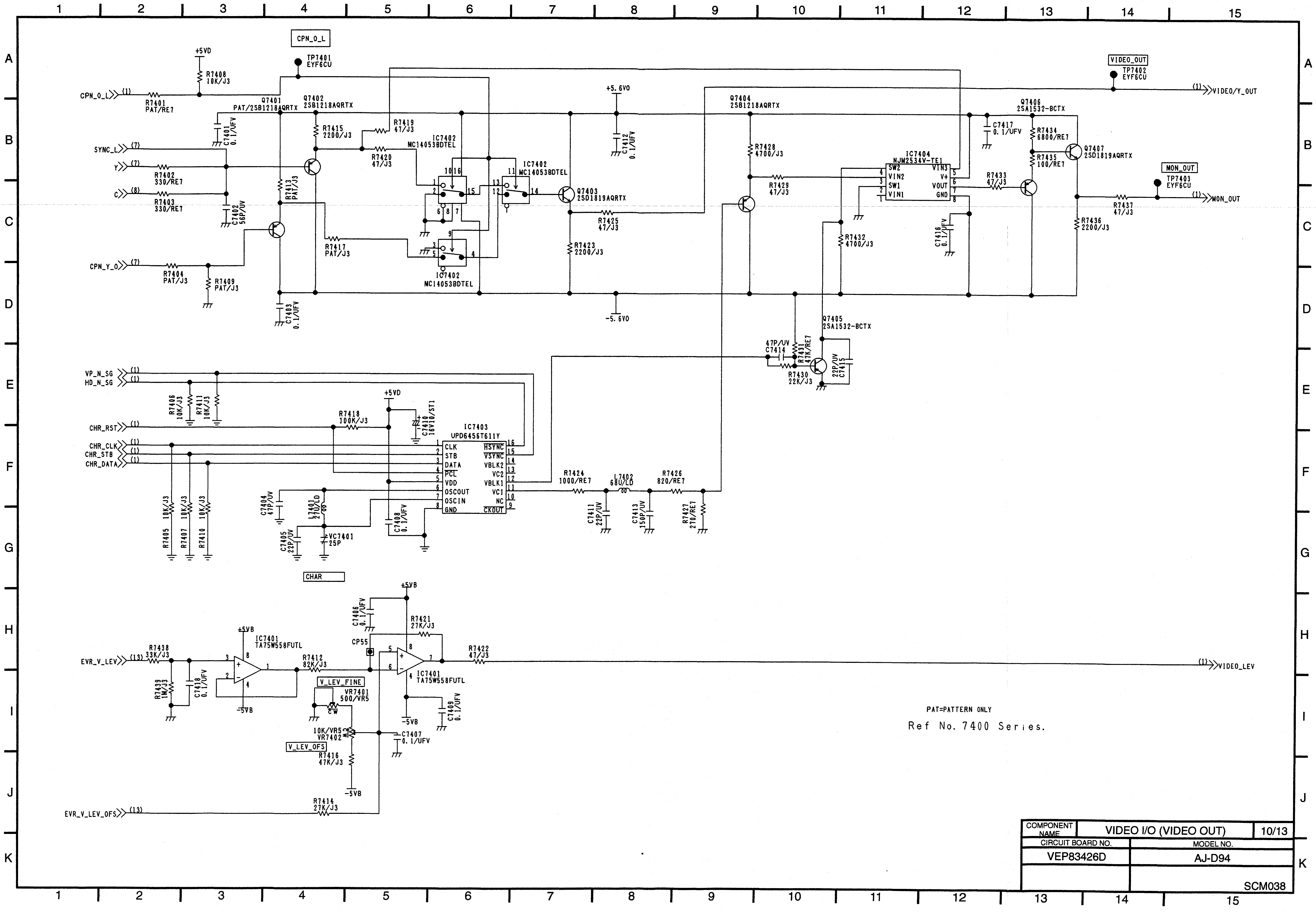
PAT=PATTERN ONLY

Ref No. 7300 Series

COMPONENT NAME	VIDEO I/O (HUE CONT)	09/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	

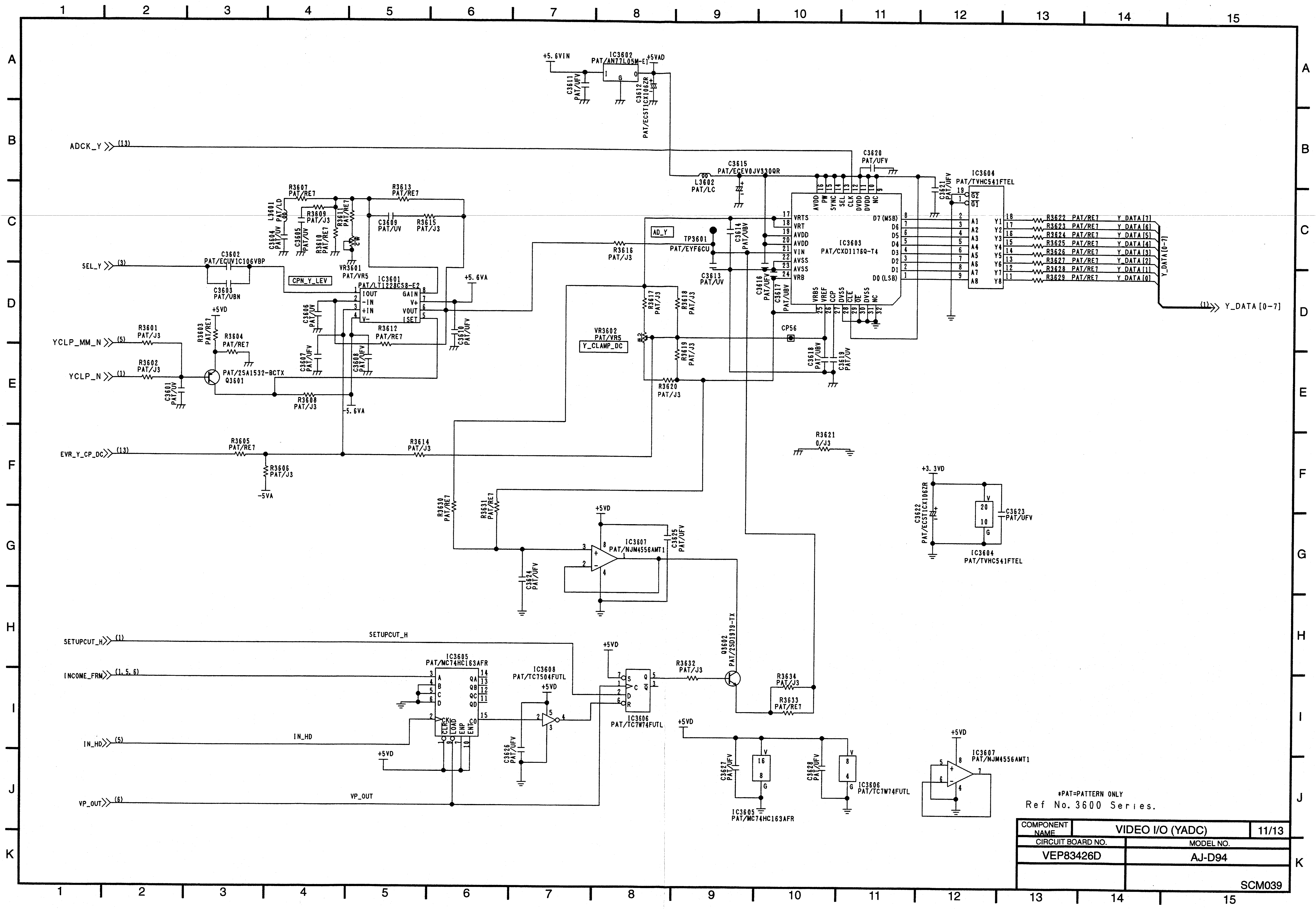
SCM037


CPN_O_L
TP7401 EYF6CU
+5VD
R7408 10K/J3
CPN_O_L (1)
R7401 PAT/RE7
Q7401 PAT/2SB1218AQRTX
Q7402 2SB1218AQRTX
C7401 0.1/UFV
R7415 2200/J3
R7419 47/J3
R7420 47/J3
IC7402 MC14053BDTEL
SYNC_L (7)
Y (7)
C (8)
R7402 330/RE7
R7403 330/RE7
C7402 56P/UV
R7413 PAT/J3
R7417 PAT/J3
CPN_Y_O (7)
R7404 PAT/J3
R7409 PAT/J3
C7403 0.1/UFV
Q7403 2SD1819AQRTX
+5.6VO
C7412 0.1/UFV
R7425 47/J3
R7423 2200/J3
-5.6VO
Q7404 2SB1218AQRTX
R7428 4700/J3
R7429 47/J3
IC7404 NJM2534V-TE1
SW2 VIN2 SW1 VIN1 VIN3 V+ VOUT GND
R7432 4700/J3
C7416 0.1/UFV
C7417 0.1/UFV
Q7406 2SA1532-BCTX
R7434 6800/RE7
R7435 100/RE7
R7433 47/J3
Q7407 2SD1819AQRTX
R7436 2200/J3
R7437 47/J3
VIDEO_OUT
TP7402 EYF6CU
VIDEO/Y_OUT (1)
MON_OUT
TP7403 EYF6CU
MON_OUT (1)
Q7405 2SA1532-BCTX
C7414 47P/UV
R7431 47K/RE7
R7430 22K/J3
C7415 22P/UV
VP_N_SG (1)
HD_N_SG (1)
R7406 10K/J3
R7411 10K/J3
CHR_RST (1)
R7418 100K/J3
+5VD
C7410 16V10/ST1
IC7403 UPD6456T611Y
CLK STB DATA PCL VDD OSCOUT OSCIN GND HSYNC VSYNC VBLK2 VC2 VBLK1 VC1 NC CKOUT
CHR_CLK (1)
CHR_STB (1)
CHR_DATA (1)
R7405 10K/J3
R7407 10K/J3
R7410 10K/J3
C7404 47P/UV
L7401 27U/LD
C7405 22P/UV
VC7401 25P
C7408 0.1/UFV
R7424 1000/RE7
L7402 68U/LD
R7426 820/RE7
C7411 22P/UV
C7413 150P/UV
R7427 270/RE7
CHAR
+5VB
C7406 0.1/UFV
R7421 27K/J3
EVR_V_LEV (13)
R7438 33K/J3
R7439 1M/J3
C7418 0.1/UFV
IC7401 TA75W558FUTL
-5VB
R7412 82K/J3
CP55
V_LEV_FINE
VR7401 500/VR5
CW
10K/VR5 VR7402
V_LEV_OFS
R7416 47K/J3
C7407 0.1/UFV
C7409 0.1/UFV
R7422 47/J3
VIDEO_LEV (1)
EVR_V_LEV_OFS (13)
R7414 27K/J3

PAT=PATTERN ONLY

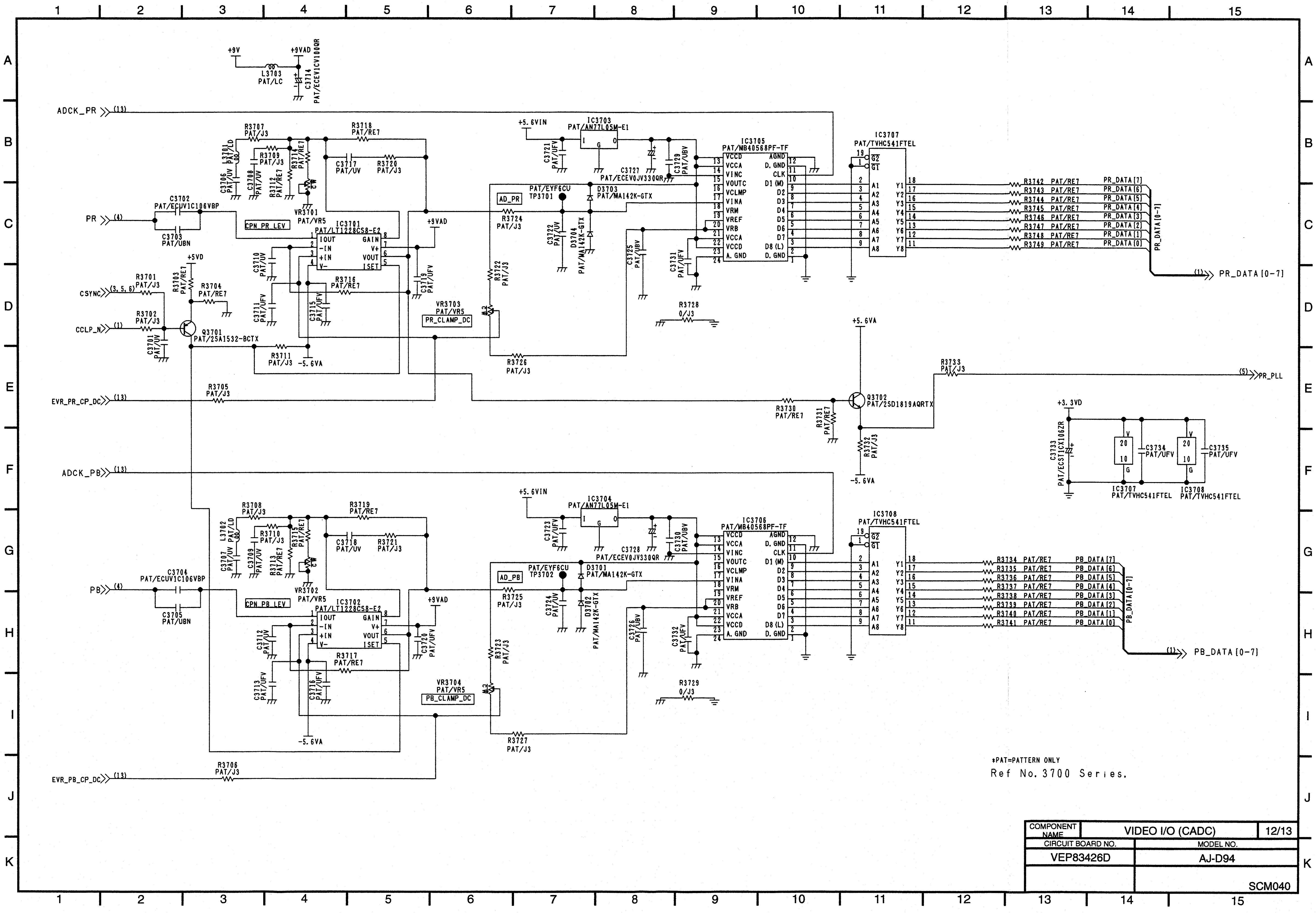
Ref No. 7400 Series.

COMPONENT NAME	VIDEO I/O (VIDEO OUT)	10/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	
	SCM038	


ADCK_Y (13)
SEL_Y (3)
YCLP_MM_N (5)
YCLP_N (1)
EVR_Y_CP_DC (13)
SETUPCUT_H (1)
INCOME_FRM (1,5,6)
IN_HD (5)
VP_OUT (6)
Y_DATA [0-7]
+5.6VIN
IC3602 PAT/AN77L05M-E1
+5VAD
C3611 PAT/UFV
C3612 PAT/ECST1CX106ZR
C3615 PAT/ECEV0JV330QR
L3602 PAT/LC
C3620 PAT/UFV
C3621 PAT/UFV
IC3604 PAT/TVHC541FTEL
IC3603 PAT/CXD1176Q-T4
AVDD PW SYNC SEL CLK DVDD DVDD NC
VRTS VRT AVDD AVDD VIN AVSS AVSS VRB
VRBS VREF CCP DVSS CLE OE DVSS NC
D7 (MSB) D6 D5 D4 D3 D2 D1 D0 (LSB)
R3622 PAT/RE7 Y_DATA[7]
R3623 PAT/RE7 Y_DATA[6]
R3624 PAT/RE7 Y_DATA[5]
R3625 PAT/RE7 Y_DATA[4]
R3626 PAT/RE7 Y_DATA[3]
R3627 PAT/RE7 Y_DATA[2]
R3628 PAT/RE7 Y_DATA[1]
R3629 PAT/RE7 Y_DATA[0]
AD_Y
TP3601 PAT/EYF6CU
R3616 PAT/J3
C3613 PAT/UV
C3614 PAT/UBV
C3616 PAT/UFV
C3617 PAT/UBV
CP56
C3618 PAT/UBV
C3619 PAT/UV
R3617 PAT/J3
R3618 PAT/J3
R3619 PAT/J3
R3620 PAT/J3
VR3602 PAT/VR5
Y_CLAMP_DC
R3607 PAT/RE7
R3613 PAT/RE7
L3601 PAT/LD
R3609 PAT/J3
R3611 PAT/RE7
C3609 PAT/UV
R3615 PAT/J3
C3604 PAT/UV
C3605 PAT/UV
R3610 PAT/RE7
VR3601 PAT/VR5
C3602 PAT/ECUV1C106VBP
C3603 PAT/UBN
CPN_Y_LEV
IC3601 PAT/LT1228CS8-E2
IOUT -IN +IN V- GAIN V+ VOUT ISET
+5.6VA
C3606 PAT/UV
C3607 PAT/UFV
C3608 PAT/UFV
R3612 PAT/RE7
C3610 PAT/UFV
+5VD
R3601 PAT/J3
R3602 PAT/J3
R3603 PAT/RE7
R3604 PAT/RE7
PAT/2SA1532-BCTX Q3601
C3601 PAT/UV
R3608 PAT/J3
-5.6VA
R3605 PAT/RE7
R3606 PAT/J3
-5VA
R3614 PAT/J3
R3621 0/J3
+3.3VD
C3622 PAT/ECST1CX106ZR
C3623 PAT/UFV
IC3604 PAT/TVHC541FTEL
R3630 PAT/RE7
R3631 PAT/RE7
IC3607 PAT/NJM4556AMT1
C3625 PAT/UFV
C3624 PAT/UFV
SETUPCUT_H
IC3605 PAT/MC74HC163AFR
A B C D QA QB QC QD CK CLR LOAD ENP ENT CO
IC3608 PAT/TC7S04FUTL
C3626 PAT/UFV
IC3606 PAT/TC7W74FUTL
Q3602 PAT/2SD1979-TX
R3632 PAT/J3
R3634 PAT/J3
R3633 PAT/RE7
IN_HD
VP_OUT
C3627 PAT/UFV
IC3605 PAT/MC74HC163AFR
C3628 PAT/UFV
IC3606 PAT/TC7W74FUTL
IC3607 PAT/NJM4556AMT1
*PAT=PATTERN ONLY
Ref No. 3600 Series.

COMPONENT NAME	VIDEO I/O (YADC)	11/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	

SCM039



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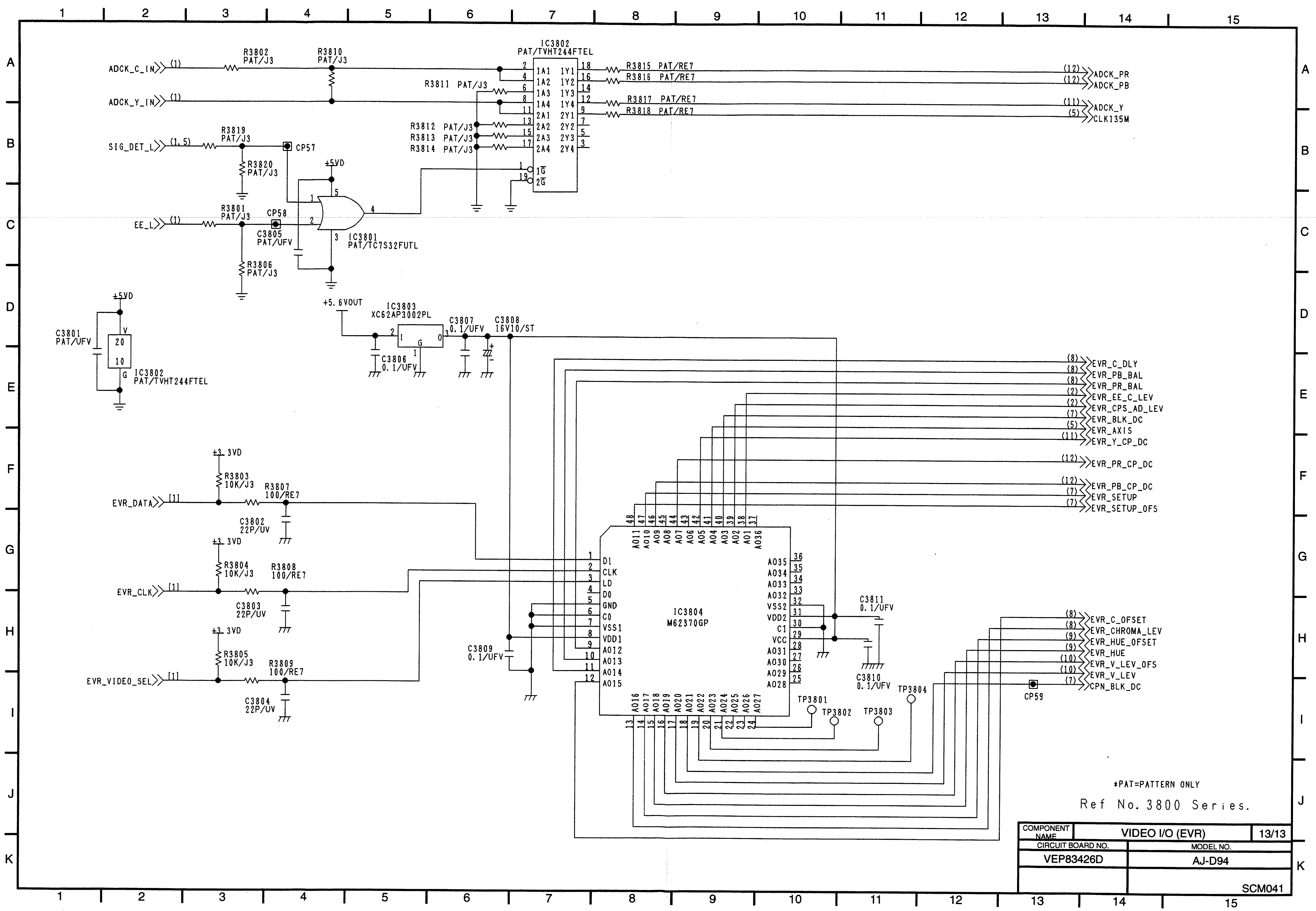
I
J
K
+9V
+9VAD
L3703
PAT/LC
C3714
PAT/ECEV1CV100QR
ADCK_PR
(13)
R3707
PAT/J3
R3718
PAT/RE7
L3701
PAT/LD
R3709
PAT/J3
R3714
PAT/RE7
C3706
PAT/UV
C3708
PAT/UV
R3712
PAT/RE7
C3717
PAT/UV
R3720
PAT/J3
VR3701
PAT/VR5
C3702
PAT/ECUV1C106VBP
PR
(4)
C3703
PAT/UBN
CPN_PR_LEV
IC3701
PAT/LT1228CS8-E2
IOUT
-IN
+IN
V-
GAIN
V+
VOUT
ISET
+9VAD
+5VD
CSYNC
(3, 5, 6)
R3701
PAT/J3
R3703
PAT/RE7
R3704
PAT/RE7
R3702
PAT/J3
CCLP_N
(1)
C3701
PAT/UV
Q3701
PAT/2SA1532-BCTX
C3710
PAT/UV
C3711
PAT/UFV
C3715
PAT/UFV
R3716
PAT/RE7
C3719
PAT/UFV
R3711
PAT/J3
-5.6VA
VR3703
PAT/VR5
PR_CLAMP_DC
EVR_PR_CP_DC
R3705
PAT/J3
+5.6VIN
IC3703
PAT/AN77L05M-E1
C3721
PAT/UFV
C3727
PAT/ECEV0JV330QR
C3729
PAT/UBV
PAT/EYF6CU
TP3701
AD_PR
D3703
PAT/MA142K-GTX
R3724
PAT/J3
C3722
PAT/UV
D3704
PAT/MA142K-GTX
R3722
PAT/J3
R3726
PAT/J3
C3725
PAT/UBV
C3731
PAT/UFV
R3728
0/J3
IC3705
PAT/MB40568PF-TF
VCCD
VCCA
VINC
VOUTC
VCLMP
VINA
VRM
VREF
VRB
VCCA
VCCD
A. GND
AGND
D. GND
CLK
D1 (M)
D2
D3
D4
D5
D6
D7
D8 (L)
D. GND
IC3707
PAT/TVHC541FTEL
G2
G1
A1
A2
A3
A4
A5
A6
A7
A8
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
R3742 PAT/RE7 PR_DATA[7]
R3743 PAT/RE7 PR_DATA[6]
R3744 PAT/RE7 PR_DATA[5]
R3745 PAT/RE7 PR_DATA[4]
R3746 PAT/RE7 PR_DATA[3]
R3747 PAT/RE7 PR_DATA[2]
R3748 PAT/RE7 PR_DATA[1]
R3749 PAT/RE7 PR_DATA[0]
PR_DATA[0-7]
(1)
+5.6VA
R3733
PAT/J3
(5)
PR_PLL
Q3702
PAT/2SD1819AQRTX
R3730
PAT/RE7
R3731
PAT/RE7
R3732
PAT/J3
-5.6VA
+3.3VD
C3733
PAT/ECST1CX106ZR
C3734
PAT/UFV
C3735
PAT/UFV
IC3707
PAT/TVHC541FTEL
IC3708
PAT/TVHC541FTEL
ADCK_PB
(13)
R3708
PAT/J3
R3719
PAT/RE7
L3702
PAT/LD
R3710
PAT/J3
R3715
PAT/RE7
C3707
PAT/UV
C3709
PAT/UV
R3713
PAT/RE7
C3718
PAT/UV
R3721
PAT/J3
VR3702
PAT/VR5
C3704
PAT/ECUV1C106VBP
PB
(4)
C3705
PAT/UBN
CPN_PB_LEV
IC3702
PAT/LT1228CS8-E2
+9VAD
C3712
PAT/UV
C3713
PAT/UFV
C3716
PAT/UFV
R3717
PAT/RE7
C3720
PAT/UFV
-5.6VA
VR3704
PAT/VR5
PB_CLAMP_DC
R3727
PAT/J3
EVR_PB_CP_DC
R3706
PAT/J3
+5.6VIN
IC3704
PAT/AN77L05M-E1
C3723
PAT/UFV
C3728
PAT/ECEV0JV330QR
C3730
PAT/UBV
PAT/EYF6CU
TP3702
AD_PB
D3701
PAT/MA142K-GTX
R3725
PAT/J3
C3724
PAT/UV
D3702
PAT/MA142K-GTX
R3723
PAT/J3
C3726
PAT/UBV
C3732
PAT/UFV
R3729
0/J3
IC3706
PAT/MB40568PF-TF
IC3708
PAT/TVHC541FTEL
R3734 PAT/RE7 PB_DATA[7]
R3735 PAT/RE7 PB_DATA[6]
R3736 PAT/RE7 PB_DATA[5]
R3737 PAT/RE7 PB_DATA[4]
R3738 PAT/RE7 PB_DATA[3]
R3739 PAT/RE7 PB_DATA[2]
R3740 PAT/RE7 PB_DATA[1]
R3741 PAT/RE7 PB_DATA[0]
PB_DATA[0-7]
(1)

*PAT=PATTERN ONLY

Ref No. 3700 Series.

COMPONENT NAME	VIDEO I/O (CADC)	12/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	

SCM040


IC3802
PAT/TVHT244FTEL
ADCK_C_IN
ADCK_Y_IN
SIG_DET_L
EE_L
R3802 PAT/J3
R3810 PAT/J3
R3811 PAT/J3
R3812 PAT/J3
R3813 PAT/J3
R3814 PAT/J3
R3819 PAT/J3
R3820 PAT/J3
R3801 PAT/J3
R3806 PAT/J3
CP57
CP58
+5VD
C3805 PAT/UFV
IC3801 PAT/TC7S32FUTL
1A1 1A2 1A3 1A4 2A1 2A2 2A3 2A4
1Y1 1Y2 1Y3 1Y4 2Y1 2Y2 2Y3 2Y4
1G 2G
R3815 PAT/RE7
R3816 PAT/RE7
R3817 PAT/RE7
R3818 PAT/RE7
(12) ADCK_PR
(12) ADCK_PB
(11) ADCK_Y
(5) CLK135M
C3801 PAT/UFV
IC3802 PAT/TVHT244FTEL
+5.6VOUT
IC3803 XC62AP3002PL
C3806 0.1/UFV
C3807 0.1/UFV
C3808 16V10/ST
(8) EVR_C_DLY
(8) EVR_PB_BAL
(8) EVR_PR_BAL
(2) EVR_EE_C_LEV
(2) EVR_CPS_AD_LEV
(7) EVR_BLK_DC
(5) EVR_AXIS
(11) EVR_Y_CP_DC
(12) EVR_PR_CP_DC
(12) EVR_PB_CP_DC
(7) EVR_SETUP
(7) EVR_SETUP_OFS
+3.3VD
R3803 10K/J3
R3807 100/RE7
EVR_DATA [1]
C3802 22P/UV
R3804 10K/J3
R3808 100/RE7
EVR_CLK [1]
C3803 22P/UV
R3805 10K/J3
R3809 100/RE7
EVR_VIDEO_SEL [1]
C3804 22P/UV
C3809 0.1/UFV
IC3804
M62370GP
DI CLK LD DO GND CO VSS1 VDD1 AO12 AO13 AO14 AO15
AO11 AO10 AO9 AO8 AO7 AO6 AO5 AO4 AO3 AO2 AO1 AO36
AO35 AO34 AO33 AO32 VSS2 VDD2 C1 VCC AO31 AO30 AO29 AO28
AO16 AO17 AO18 AO19 AO20 AO21 AO22 AO23 AO24 AO25 AO26 AO27
C3811 0.1/UFV
C3810 0.1/UFV
TP3801
TP3802
TP3803
TP3804
CP59
(8) EVR_C_OFSET
(8) EVR_CHROMA_LEV
(9) EVR_HUE_OFSET
(9) EVR_HUE
(10) EVR_V_LEV_OFS
(10) EVR_V_LEV
(7) CPN_BLK_DC

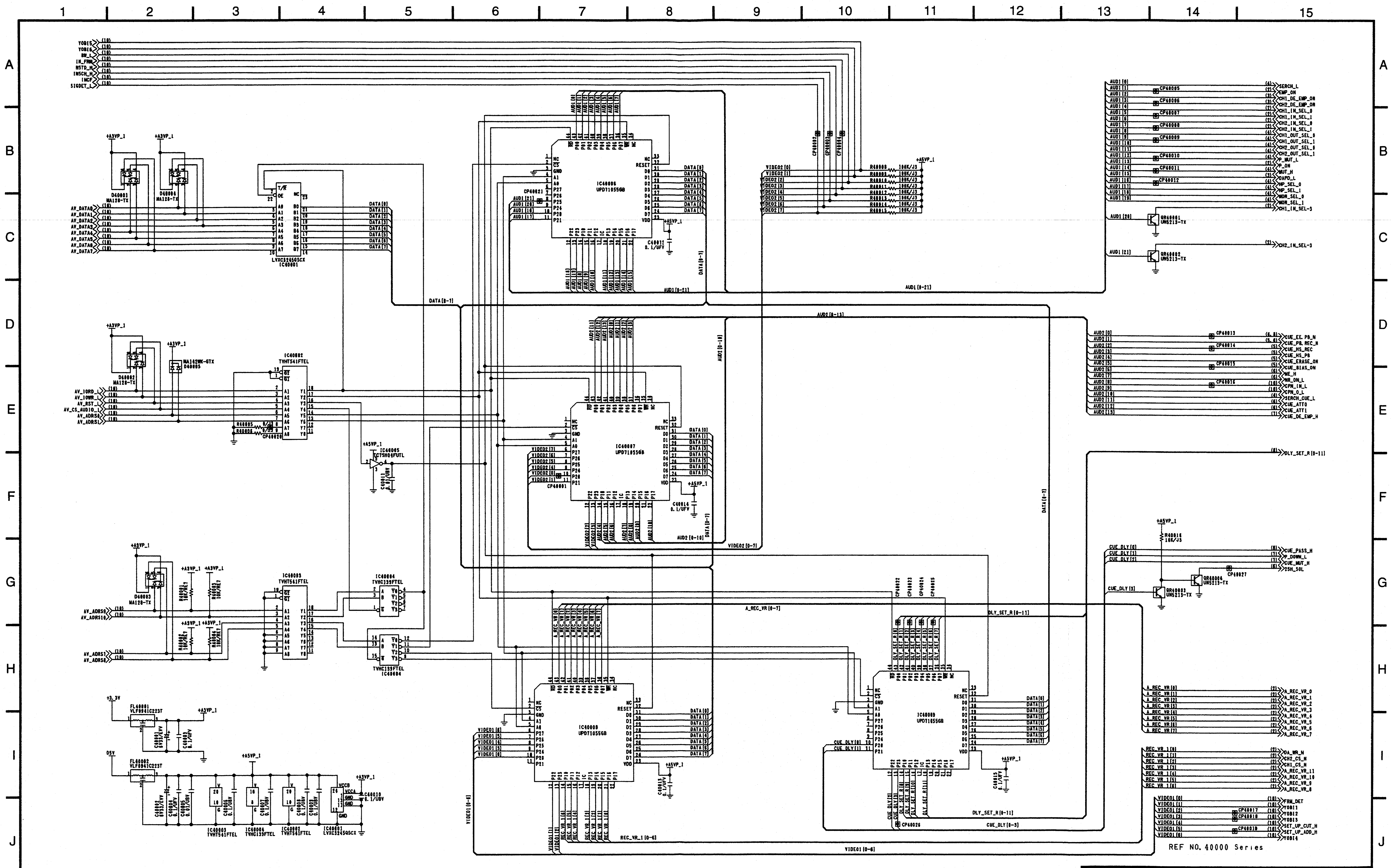
*PAT=PATTERN ONLY

Ref No. 3800 Series.

COMPONENT NAME	VIDEO I/O (EVR)	13/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP83426D	AJ-D94	

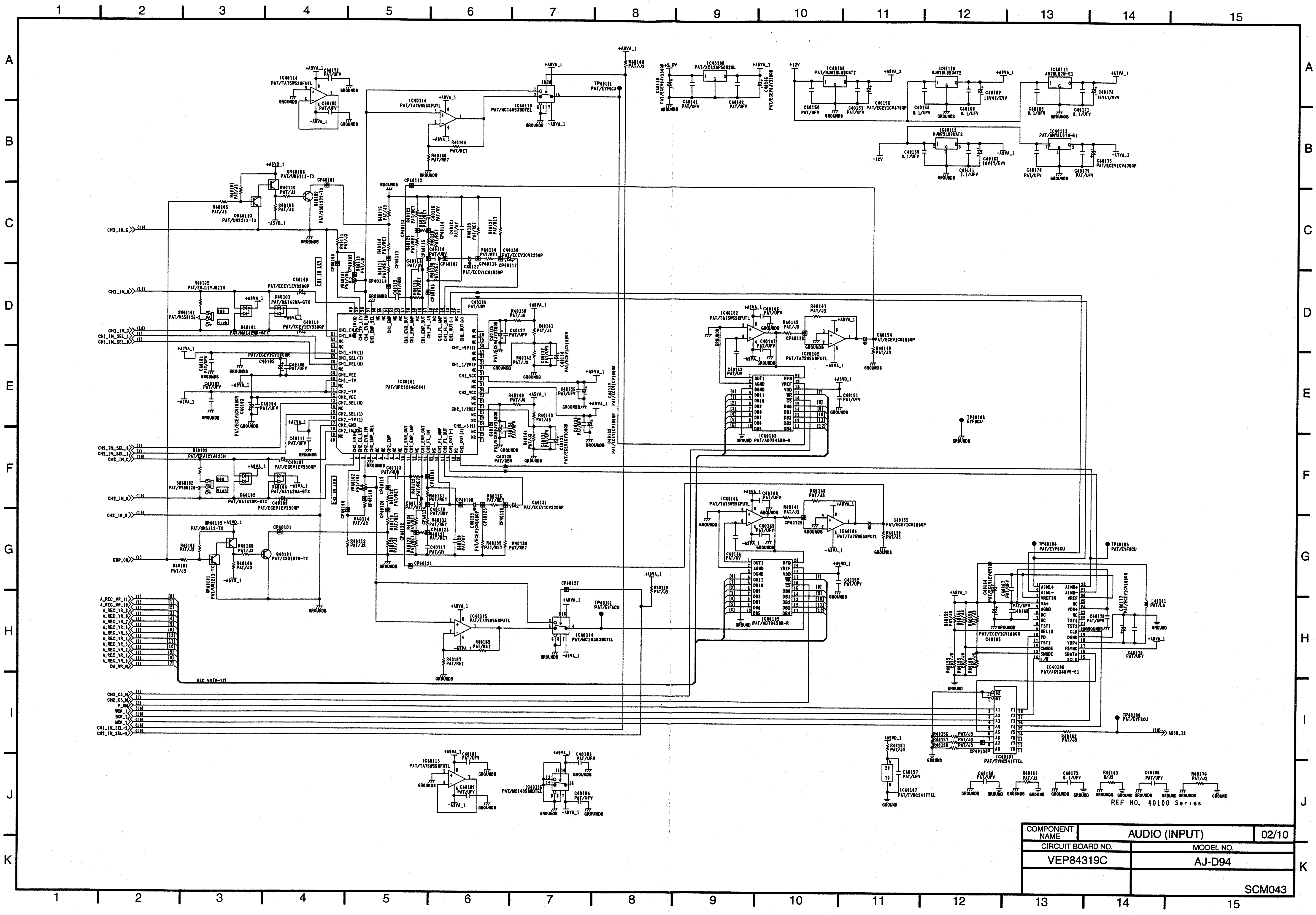
SCM041

VIDE-V26967 / DRUCK50


IC40001
LVXC3245QSCX
IC40002
TVHT541FTEL
IC40003
TVHT541FTEL
IC40004
TVHC139FTEL
IC40005
TC7SH04FUTL
IC40006
UPD71055GB
IC40007
UPD71055GB
IC40008
UPD71055GB
IC40009
UPD71055GB
D40001
MA128-TX
D40004
MA128-TX
D40002
MA128-TX
D40005
MA162WK-GTX
D40003
MA128-TX
FL40001
VLF0941C223T
FL40002
VLF0941C223T
QR40001
UN5213-TX
QR40002
UN5213-TX
QR40003
UN5213-TX
QR40004
UN5213-TX
DATA[0-7]
AUD1[0-21]
AUD2[0-13]
VIDEO2[0-7]
VIDEO1[0-6]
A_REC_VR[0-7]
REC_VR_1[0-6]
DLY_SET_R[0-11]
CUE_DLY[0-3]
+A3VP_1
+A5VP_1
+3.3V
D5V
REF NO. 40000 Series

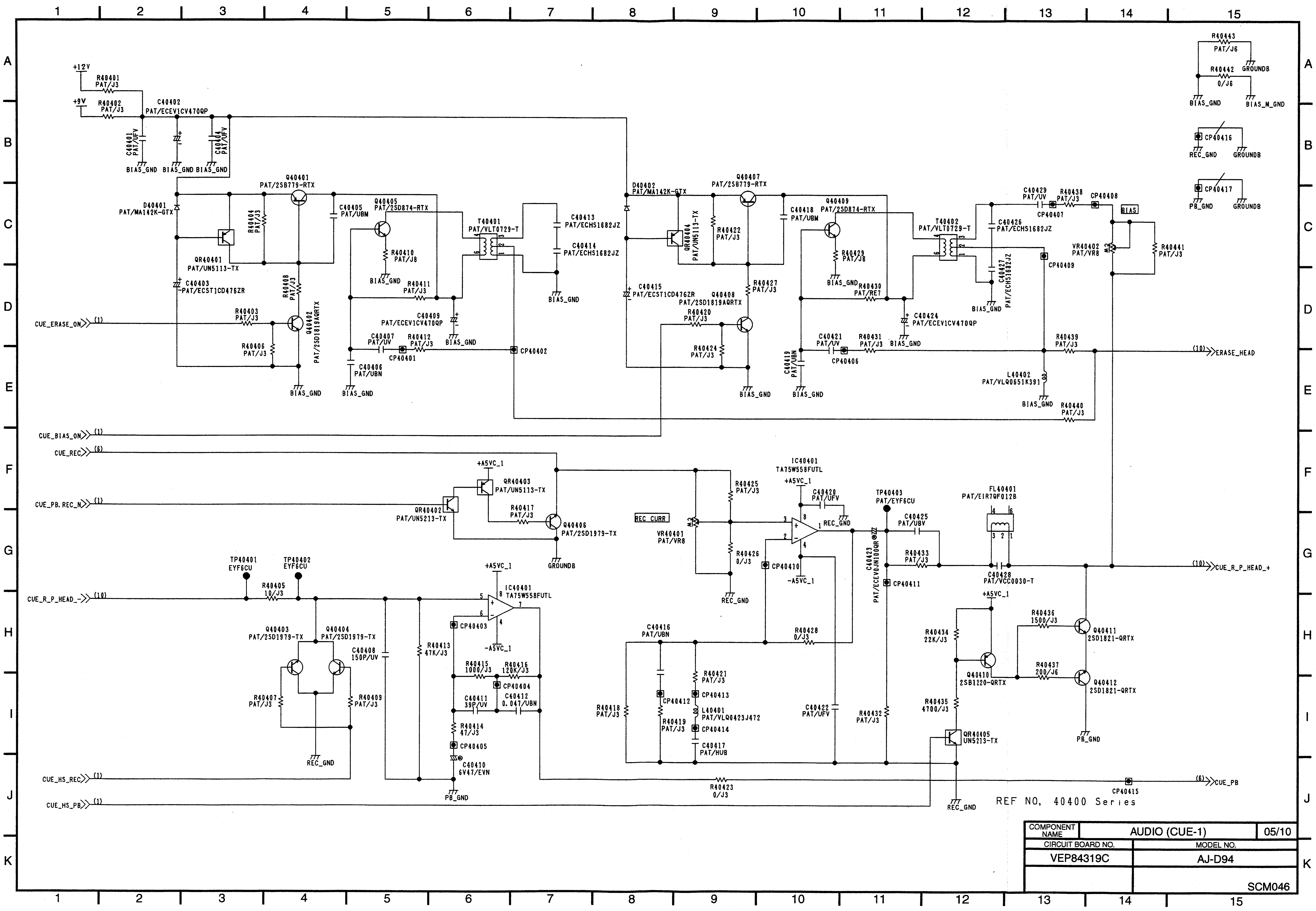
COMPONENT NAME	AUDIO-(CONT)	01/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM042	

VIDE-V26967 / DRUCK51


IC40101
PAT/UPC5204GC041
IC40103
PAT/AD7945BR-R
IC40105
PAT/AD7945BR-R
IC40106
PAT/AK5360VS-E1
IC40107
PAT/TVHC541FTEL
IC40108
PAT/XC62AP5002ML
IC40109
IC40110
NJM78L05UAT2
IC40111
AN78L07M-E1
IC40112
NJM79L05UAT2
IC40113
PAT/AN79L07M-E1
IC40114
PAT/TA75W558FUTL
IC40115
PAT/TA75W558FUTL
IC40116
PAT/MC14053BDTEL
CH1_IN_G
CH1_IN_H
CH1_IN_C
CH1_IN_SEL_1
CH1_IN_SEL_0
CH2_IN_SEL_0
CH2_IN_SEL_1
CH2_IN_C
CH2_IN_H
CH2_IN_G
EMP_ON
A_REC_VR_11
A_REC_VR_10
A_REC_VR_9
A_REC_VR_8
A_REC_VR_7
A_REC_VR_6
A_REC_VR_5
A_REC_VR_4
A_REC_VR_3
A_REC_VR_2
A_REC_VR_1
DA_WR_N
REC_VR[0-12]
CH1_CS_N
CH2_CS_N
P_ON
WCK_1
BCK_1
MCK_1
CH1_IN_SEL_5
CH2_IN_SEL_5
ADSD_12
+A5VA_1
-A5VA_1
+A5VD_1
-A5VD_1
+5_6V
+12V
-12V
GROUNDB
REF NO. 40100 Series
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

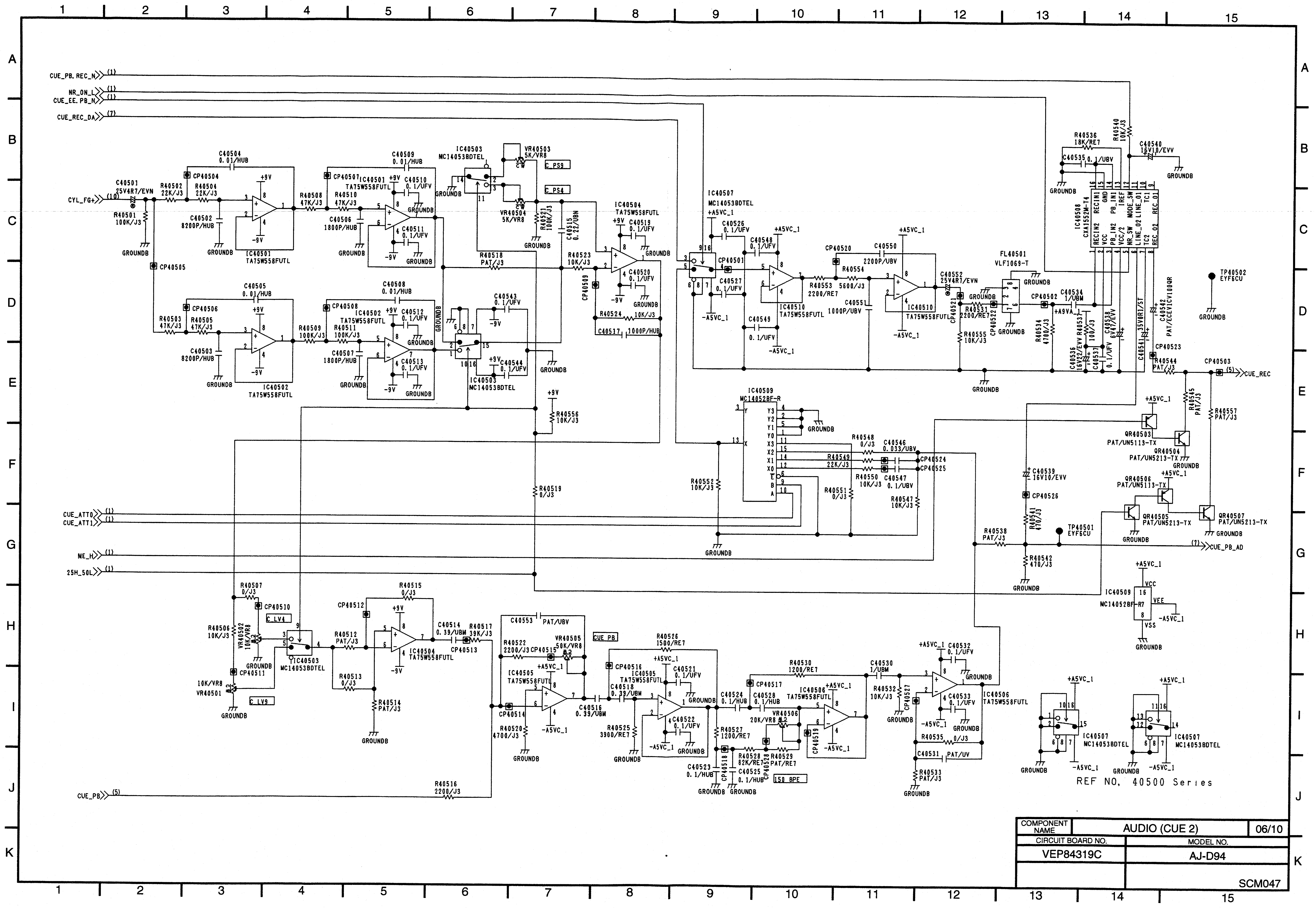
COMPONENT NAME	AUDIO (INPUT)	02/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM043	

VIDE-V26967 / DRUCK52

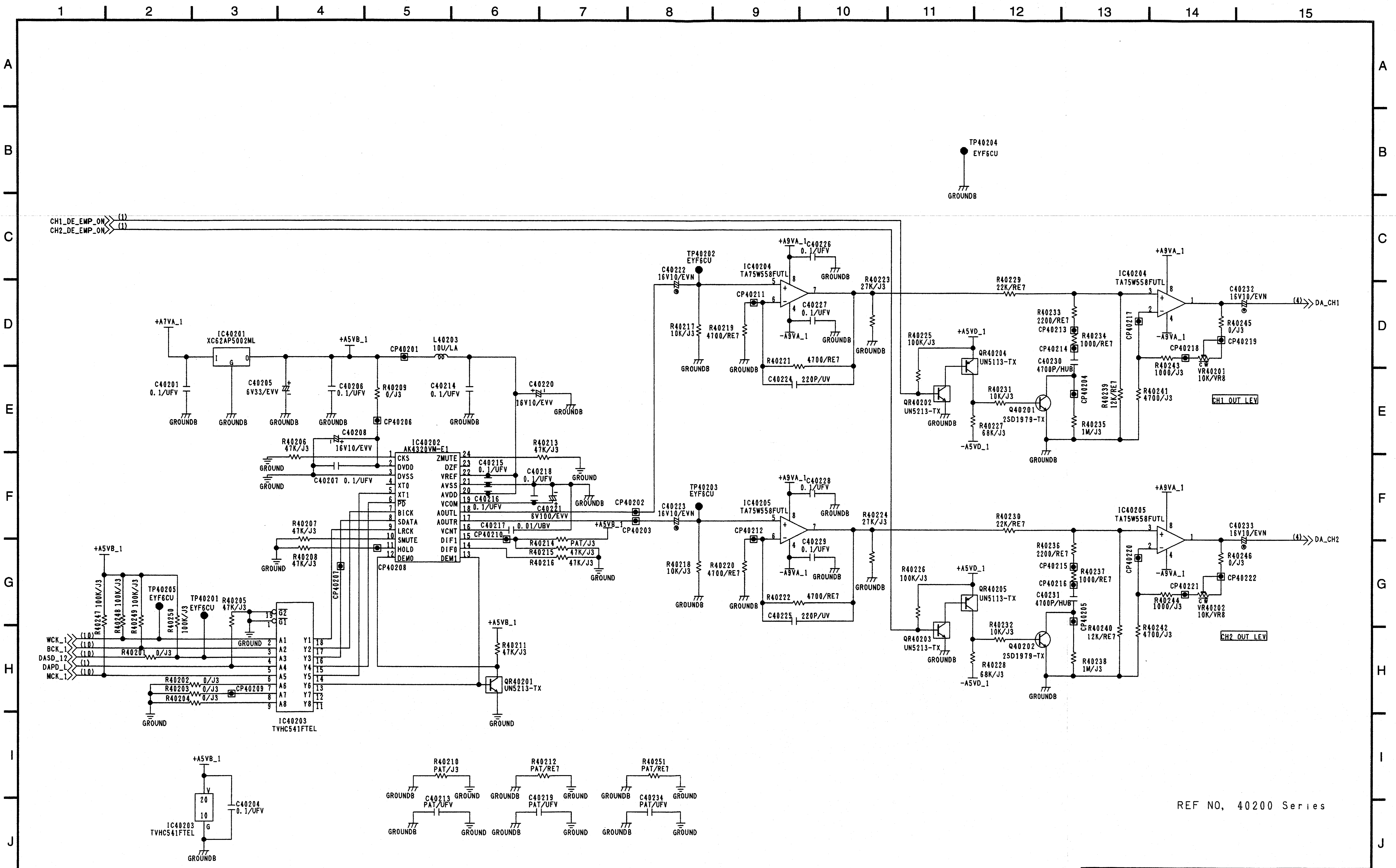

+12V
R40401 PAT/J3
+9V
R40402 PAT/J3
C40402 PAT/ECEV1CV470QP
C40401 PAT/UFV
C40404 PAT/UFV
BIAS_GND
D40401 PAT/MA142K-GTX
Q40401 PAT/2SB779-RTX
R40404 PAT/J3
C40405 PAT/UBM
Q40405 PAT/2SD874-RTX
QR40401 PAT/UN5113-TX
R40410 PAT/J8
C40403 PAT/ECST1CD476ZR
R40408 PAT/J3
R40411 PAT/J3
T40401 PAT/VLT0729-T
C40413 PAT/ECHS1682JZ
C40414 PAT/ECHS1682JZ
CUE_ERASE_ON
R40403 PAT/J3
R40406 PAT/J3
Q40402 PAT/2SD1819AQRTX
C40409 PAT/ECEV1CV470QP
C40407 PAT/UV
R40412 PAT/J3
CP40401
CP40402
C40406 PAT/UBN
D40402 PAT/MA142K-GTX
Q40407 PAT/2SB779-RTX
QR40404 PAT/UN5113-TX
R40422 PAT/J3
C40418 PAT/UBM
Q40409 PAT/2SD874-RTX
R40429 PAT/J8
T40402 PAT/VLT0729-T
C40426 PAT/ECHS1682JZ
C40427 PAT/ECHS1682JZ
C40429 PAT/UV
R40438 PAT/J3
CP40407
CP40408
BIAS
VR40402 PAT/VR8
R40441 PAT/J3
CP40409
C40415 PAT/ECST1CD476ZR
Q40408 PAT/2SD1819AQRTX
R40427 PAT/J3
R40430 PAT/RE7
C40424 PAT/ECEV1CV470QP
R40420 PAT/J3
R40424 PAT/J3
C40421 PAT/UV
R40431 PAT/J3
CP40406
C40419 PAT/UBN
R40439 PAT/J3
ERASE_HEAD
L40402 PAT/VLQ0651K391
R40440 PAT/J3
R40443 PAT/J6
R40442 0/J6
GROUNDB
BIAS_M_GND
CP40416
REC_GND
CP40417
PB_GND
CUE_BIAS_ON
CUE_REC
CUE_PB.REC_N
+A5VC_1
QR40403 PAT/UN5113-TX
QR40402 PAT/UN5213-TX
R40417 PAT/J3
Q40406 PAT/2SD1979-TX
IC40401 TA75W558FUTL
R40425 PAT/J3
C40420 PAT/UFV
REC CURR
VR40401 PAT/VR8
R40426 0/J3
CP40410
-A5VC_1
TP40403 PAT/EYF6CU
C40425 PAT/UBV
C40423 PAT/ECEV0JN100QR
R40433 PAT/J3
CP40411
FL40401 PAT/EIR7QF012B
C40428 PAT/VCC0030-T
CUE_R_P_HEAD_+
TP40401 EYF6CU
TP40402 EYF6CU
CUE_R_P_HEAD_-
R40405 10/J3
Q40403 PAT/2SD1979-TX
Q40404 PAT/2SD1979-TX
R40407 PAT/J3
R40409 PAT/J3
C40408 150P/UV
R40413 47K/J3
CP40403
R40415 1000/J3
R40416 120K/J3
CP40404
C40411 39P/UV
C40412 0.047/UBN
R40414 47/J3
CP40405
C40410 6V47/EVN
C40416 PAT/UBN
R40428 0/J3
R40421 PAT/J3
CP40413
CP40412
R40418 PAT/J3
R40419 PAT/J3
L40401 PAT/VLQ0423J472
CP40414
C40417 PAT/HUB
C40422 PAT/UFV
R40432 PAT/J3
R40434 22K/J3
Q40410 2SB1220-QRTX
R40435 4700/J3
QR40405 UN5213-TX
R40436 1500/J3
R40437 200/J6
Q40411 2SD1821-QRTX
Q40412 2SD1821-QRTX
CUE_HS_REC
CUE_HS_PB
R40423 0/J3
CP40415
CUE_PB
REF NO. 40400 Series

COMPONENT NAME	AUDIO (CUE-1)	05/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM046	

VIDE-V26967 / DRUCK53


CUE_PB_REC_N (1)
NR_ON_L (1)
CUE_EE_PB_N (1)
CUE_REC_DA (7)
CYL_FG+ (10)
C40501 25V4R7/EVN
R40501 100K/J3
R40502 22K/J3
R40504 22K/J3
CP40504
C40504 0.01/HUB
C40502 8200P/HUB
IC40501 TA75W558FUTL
CP40505
R40508 47K/J3
R40510 47K/J3
CP40507
C40509 0.01/HUB
C40510 0.1/UFV
C40506 1800P/HUB
C40511 0.1/UFV
IC40503 MC14053BDTEL
VR40503 5K/VR8
VR40504 5K/VR8
C PS9
C PS4
R40521 100K/J3
C40515 0.22/UBN
R40518 PAT/J3
R40523 10K/J3
IC40504 TA75W558FUTL
C40519 0.1/UFV
C40520 0.1/UFV
CP40509
R40524 10K/J3
C40517 1000P/HUB
C40505 0.01/HUB
CP40506
R40503 47K/J3
R40505 47K/J3
C40503 8200P/HUB
IC40502 TA75W558FUTL
R40509 100K/J3
R40511 100K/J3
CP40508
C40508 0.01/HUB
C40512 0.1/UFV
C40507 1800P/HUB
C40513 0.1/UFV
C40543 0.1/UFV
C40544 0.1/UFV
R40556 10K/J3
R40519 0/J3
IC40507 MC14053BDTEL
C40526 0.1/UFV
CP40501
C40527 0.1/UFV
C40548 0.1/UFV
C40549 0.1/UFV
IC40510 TA75W558FUTL
R40553 2200/RE7
R40554 5600/J3
CP40520
C40550 2200P/UBV
C40551 1000P/UBV
C40552 25V4R7/EVN
CP40521
R40531 2200/RE7
R40555 10K/J3
CP40522
FL40501 VLF1069-T
CP40502
C40534 1/UBM
R40534 4700/J3
R40536 18K/RE7
R40540 10K/J3
C40535 0.1/UBV
C40540 16V10/EVV
IC40508 CXA1552M-T4
RECIN2 VCC PB_IN2 VCC/2 NR_SW LINE_O2 TC2 REC_O2
RECIN1 GND PB_IN1 IREF MODE_SW LINE_O1 TC1 REC_O1
C40536 16V22/EVV
C40537 0.1/UFV
R40537 100/J3
C40538 6V47/EVV
C40541 35V0R1/ST
C40542 PAT/ECEV1CV100QR
CP40523
R40544 PAT/J3
CP40503
CUE_REC (5)
TP40502 EYF6CU
IC40509 MC14052BF-R
Y3 Y2 Y1 Y0 X3 X2 X1 X0 E B A X Y
R40548 0/J3
C40546 0.033/UBV
R40549 22K/J3
CP40524
CP40525
R40550 10K/J3
C40547 0.1/UBV
R40551 0/J3
R40547 10K/J3
R40552 10K/J3
QR40503 PAT/UN5113-TX
QR40504 PAT/UN5213-TX
R40545 PAT/J3
R40557 PAT/J3
QR40506 PAT/UN5113-TX
QR40505 PAT/UN5213-TX
QR40507 PAT/UN5213-TX
C40539 16V10/EVV
CP40526
R40541 470/J3
TP40501 EYF6CU
R40538 PAT/J3
R40542 470/J3
CUE_PB_AD (7)
CUE_ATT0 (1)
CUE_ATT1 (1)
ME_H (1)
25H_50L (1)
R40507 0/J3
CP40510
R40506 10K/J3
VR40502 10K/VR8
C LV4
CP40511
10K/VR8 VR40501
C LV9
IC40503 MC14053BDTEL
R40512 PAT/J3
CP40512
R40515 0/J3
IC40504 TA75W558FUTL
R40513 0/J3
R40514 PAT/J3
C40514 0.39/UBM
R40517 39K/J3
CP40513
C40553 PAT/UBV
R40522 2200/J3
CP40515
VR40505 50K/VR8
CUE PB
IC40505 TA75W558FUTL
CP40514
R40520 4700/J3
C40516 0.39/UBM
CP40516
C40518 0.39/UBM
R40526 1500/RE7
C40521 0.1/UFV
C40522 0.1/UFV
R40525 3900/RE7
C40524 0.1/HUB
CP40517
C40528 0.1/HUB
R40530 1200/RE7
IC40506 TA75W558FUTL
VR40506 20K/VR8
R40527 1200/RE7
R40528 82K/RE7
CP40528
R40529 PAT/RE7
CP40518
C40523 0.1/HUB
C40525 0.1/HUB
CP40519
150 BPF
C40530 1/UBM
R40532 10K/J3
CP40527
C40532 0.1/UFV
C40533 0.1/UFV
R40535 0/J3
C40531 PAT/UV
R40533 PAT/J3
IC40509 MC14052BF-R7 VCC VEE VSS
IC40507 MC14053BDTEL
CUE_PB (5)
R40516 2200/J3
+9V -9V +A5VC_1 -A5VC_1 GROUNDB
REF NO. 40500 Series

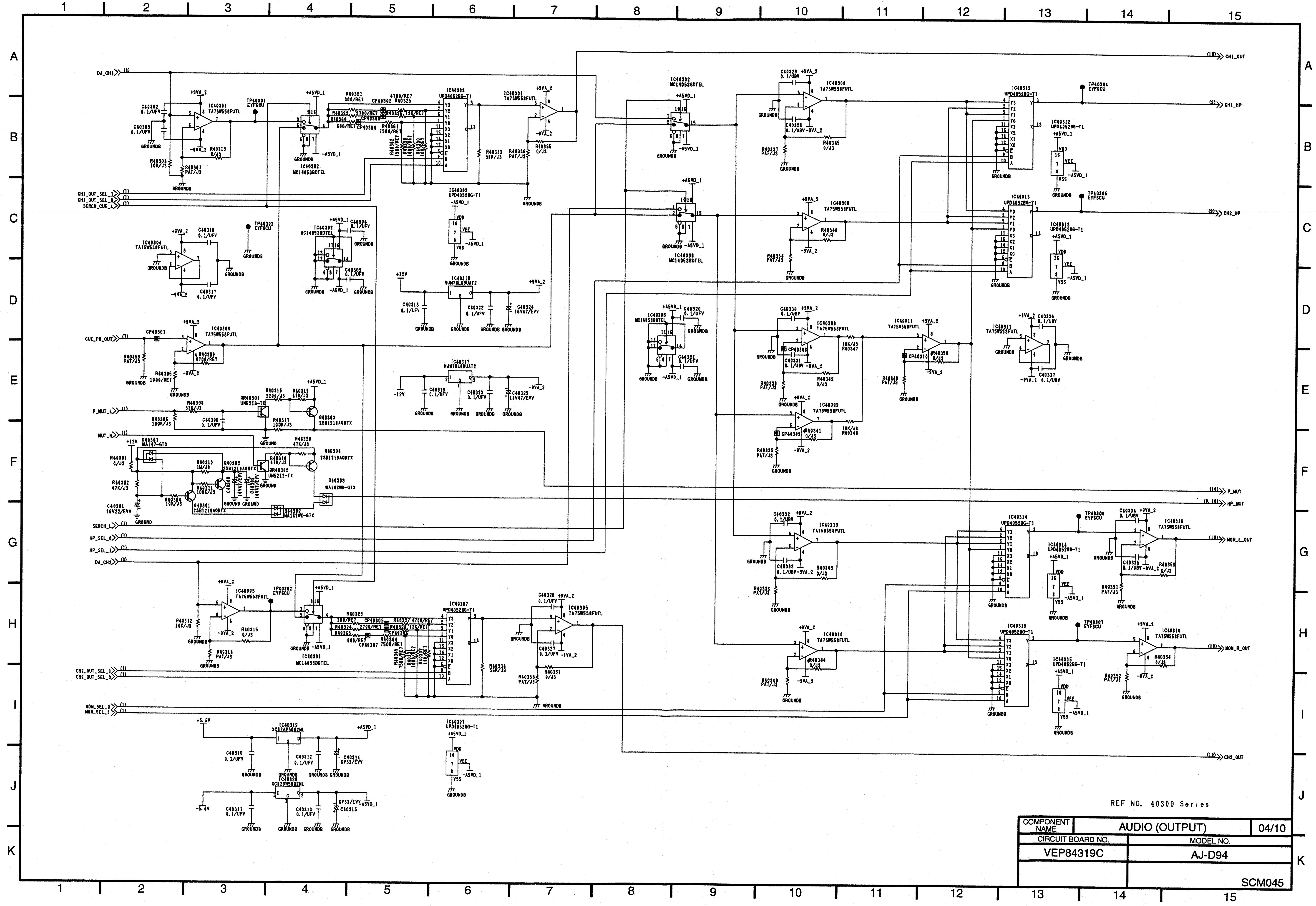
COMPONENT NAME	AUDIO (CUE 2)	06/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM047	


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K
TP40204 EYF6CU
GROUNDB
CH1_DE_EMP_ON (1)
CH2_DE_EMP_ON (1)
+A7VA_1
IC40201 XC62AP5002ML
C40201 0.1/UFV
C40205 6V33/EVV
+A5VB_1
C40206 0.1/UFV
R40209 0/J3
CP40201
L40203 10U/LA
C40214 0.1/UFV
CP40206
C40220 16V10/EVV
C40208 16V10/EVV
R40206 47K/J3
C40207 0.1/UFV
IC40202 AK4320VM-E1
CKS DVDD DVSS XTO XTI PD BICK SDATA LRCK SMUTE HOLD DEMO
ZMUTE DZF VREF AVSS AVDD VCOM AOUTL AOUTR VCNT DIF1 DIF0 DEM1
C40215 0.1/UFV
C40218 0.1/UFV
C40216 0.1/UFV
C40221 6V100/EVV
C40217 0.01/UBV
CP40210
R40213 47K/J3
R40214 PAT/J3
R40215 47K/J3
R40216 47K/J3
CP40208
CP40202
CP40203
R40207 47K/J3
R40208 47K/J3
CP40207
+A5VB_1
R40247 100K/J3
R40248 100K/J3
R40249 100K/J3
TP40205 EYF6CU
R40250 100K/J3
TP40201 EYF6CU
R40205 47K/J3
WCK_1 (10)
BCK_1 (10)
DASD_12 (10)
DAPD_L (1)
MCK_1 (10)
R40201 0/J3
R40202 0/J3
R40203 0/J3
R40204 0/J3
CP40209
IC40203 TVHC541FTEL
R40211 47K/J3
QR40201 UN5213-TX
TP40202 EYF6CU
C40222 16V10/EVN
R40217 10K/J3
R40219 4700/RE7
CP40211
IC40204 TA75W558FUTL
+A9VA_1
C40226 0.1/UFV
C40227 0.1/UFV
-A9VA_1
R40221 4700/RE7
C40224 220P/UV
R40223 27K/J3
R40229 22K/RE7
R40225 100K/J3
+A5VD_1
QR40204 UN5113-TX
QR40202 UN5213-TX
R40231 10K/J3
R40227 68K/J3
-A5VD_1
Q40201 2SD1979-TX
R40233 2200/RE7
CP40213
CP40214
R40234 1000/RE7
C40230 4700P/HUB
CP40204
R40235 1M/J3
R40239 12K/RE7
CP40217
R40241 4700/J3
R40243 1000/J3
CP40218
VR40201 10K/VR8
C40232 16V10/EVN
R40245 0/J3
CP40219
(4) DA_CH1
CH1 OUT LEV
TP40203 EYF6CU
C40223 16V10/EVN
R40218 10K/J3
R40220 4700/RE7
CP40212
IC40205 TA75W558FUTL
C40228 0.1/UFV
C40229 0.1/UFV
R40222 4700/RE7
C40225 220P/UV
R40224 27K/J3
R40230 22K/RE7
R40226 100K/J3
QR40205 UN5113-TX
QR40203 UN5213-TX
R40232 10K/J3
R40228 68K/J3
Q40202 2SD1979-TX
R40236 2200/RE7
CP40215
CP40216
R40237 1000/RE7
C40231 4700P/HUB
CP40205
R40238 1M/J3
R40240 12K/RE7
CP40220
R40242 4700/J3
R40244 1000/J3
CP40221
VR40202 10K/VR8
C40233 16V10/EVN
R40246 0/J3
CP40222
(4) DA_CH2
CH2 OUT LEV
IC40203 TVHC541FTEL
C40204 0.1/UFV
R40210 PAT/J3
C40213 PAT/UFV
R40212 PAT/RE7
C40219 PAT/UFV
R40251 PAT/RE7
C40234 PAT/UFV
GROUND
GROUNDB

REF NO, 40200 Series

COMPONENT NAME	AUDIO (DA)	03/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM044	

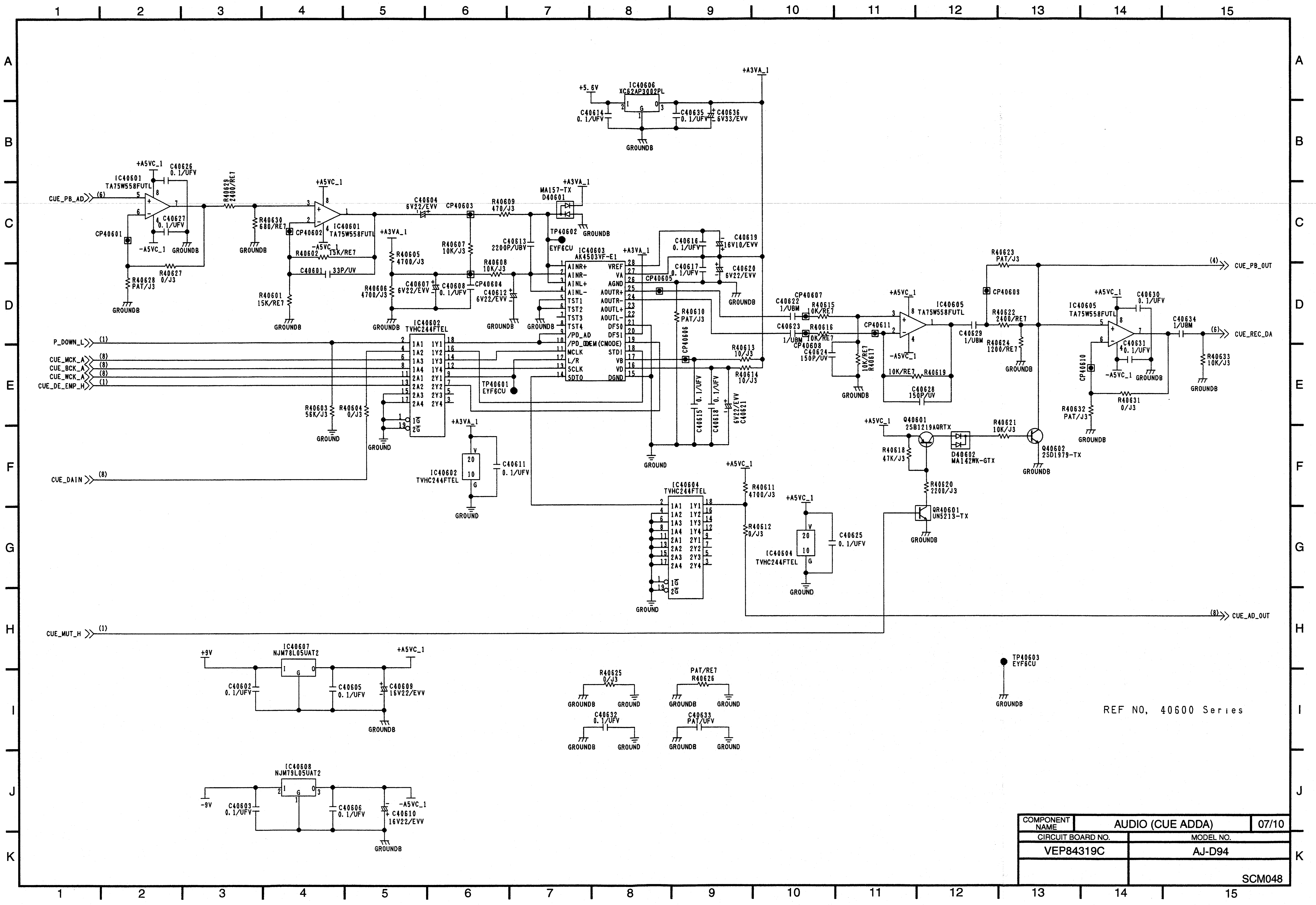
VIDE-V26967 / DRUCK55


DA_CH1
CH1_OUT_SEL_1
CH1_OUT_SEL_0
SERCH_CUE_L
CUE_PB_OUT
P_MUT_L
MUT_H
SERCH_L
HP_SEL_0
HP_SEL_1
DA_CH2
CH2_OUT_SEL_1
CH2_OUT_SEL_0
MON_SEL_0
MON_SEL_1
CH1_OUT
CH1_HP
CH2_HP
P_MUT
HP_MUT
MON_L_OUT
MON_R_OUT
CH2_OUT
IC40301 TA75W558FUTL
IC40302 MC14053BDTEL
IC40303 UPD4052BG-T1
IC40304 TA75W558FUTL
IC40305 TA75W558FUTL
IC40306 MC14053BDTEL
IC40307 UPD4052BG-T1
IC40308 TA75W558FUTL
IC40309 TA75W558FUTL
IC40310 TA75W558FUTL
IC40311 TA75W558FUTL
IC40312 UPD4052BG-T1
IC40313 UPD4052BG-T1
IC40314 UPD4052BG-T1
IC40315 UPD4052BG-T1
IC40316 TA75W558FUTL
IC40317 NJM79L09UA-T2
IC40318 NJM78L09UA-T2
IC40319 XC62AP5002ML
IC40320 XC62HN5002ML
Q40301 2SB1219AQRTX
Q40302 2SB1219AQRTX
Q40303 2SB1219AQRTX
Q40304 2SB1219AQRTX
QR40301 UN5213-TX
QR40302 UN5213-TX
D40301 MA147-GTX
D40302 MA142WK-GTX
D40303 MA142WK-GTX
+5.6V
-5.6V
+12V
-12V
+9VA_2
-9VA_2
+A5VD_1
-A5VD_1
GROUNDB
GROUND
TP40301
TP40302
TP40303
TP40304
TP40305
TP40306
TP40307

REF NO. 40300 Series

COMPONENT NAME	AUDIO (OUTPUT)	04/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	

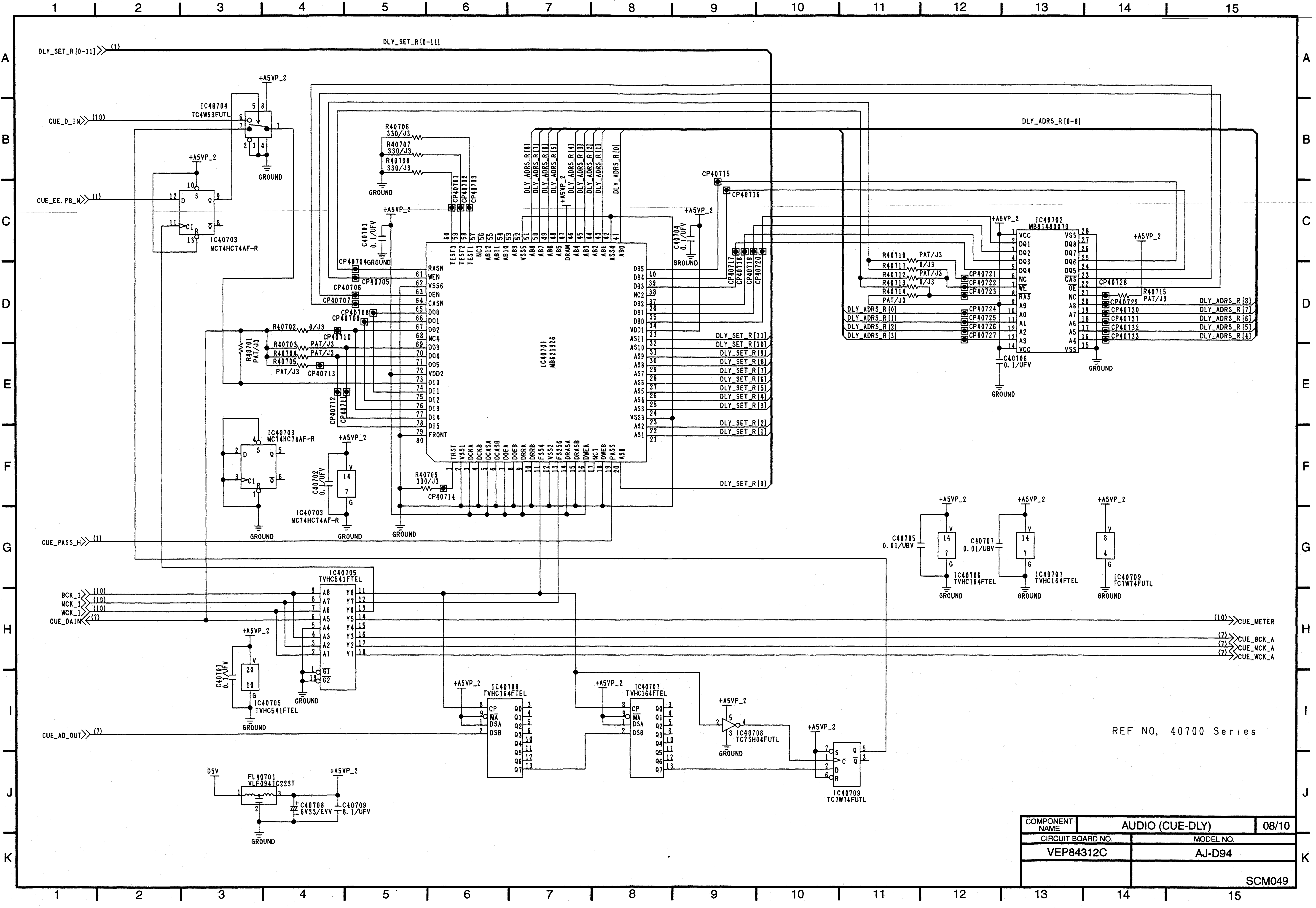
SCM045


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K
CUE_PB_AD (6)
P_DOWN_L (1)
CUE_MCK_A (8)
CUE_BCK_A (8)
CUE_WCK_A (8)
CUE_DE_EMP_H (1)
CUE_DAIN (8)
CUE_MUT_H (1)
(4) CUE_PB_OUT
(6) CUE_REC_DA
(8) CUE_AD_OUT
IC40601 TA75W558FUTL
IC40602 TVHC244FTEL
IC40603 AK4503VF-E1
IC40604 TVHC244FTEL
IC40605 TA75W558FUTL
IC40606 XC62AP3002PL
IC40607 NJM78L05UAT2
IC40608 NJM79L05UAT2
D40601 MA157-TX
D40602 MA142WK-GTX
Q40601 2SB1219AQRTX
Q40602 2SD1979-TX
QR40601 UN5213-TX
TP40601 EYF6CU
TP40602 EYF6CU
TP40603 EYF6CU
+A5VC_1
-A5VC_1
+A3VA_1
+5.6V
+9V
-9V
GROUND
GROUNDB
AINR+ AINR- AINL+ AINL- TST1 TST2 TST3 TST4 /PD_AD /PD_DEM (CMODE) MCLK L/R SCLK SDTO
VREF VA AGND AOUTR+ AOUTR- AOUTL+ AOUTL- DFS0 DFS1 STDI VB VD DGND
1A1 1A2 1A3 1A4 2A1 2A2 2A3 2A4 1G 2G 1Y1 1Y2 1Y3 1Y4 2Y1 2Y2 2Y3 2Y4
R40601 15K/RE7
R40602 15K/RE7
R40603 56K/J3
R40604 0/J3
R40605 4700/J3
R40606 4700/J3
R40607 10K/J3
R40608 10K/J3
R40609 470/J3
R40610 PAT/J3
R40611 4700/J3
R40612 0/J3
R40613 10/J3
R40614 10/J3
R40615 10K/RE7
R40616 10K/RE7
R40617 10K/RE7
R40618 47K/J3
R40619 10K/RE7
R40620 2200/J3
R40621 10K/J3
R40622 2400/RE7
R40623 PAT/J3
R40624 1200/RE7
R40625 0/J3
R40626 PAT/RE7
R40627 0/J3
R40628 PAT/J3
R40629 2400/RE7
R40630 680/RE7
R40631 0/J3
R40632 PAT/J3
R40633 10K/J3
C40601 33P/UV
C40602 0.1/UFV
C40603 0.1/UFV
C40604 6V22/EVV
C40605 0.1/UFV
C40606 0.1/UFV
C40607 6V22/EVV
C40608 0.1/UFV
C40609 16V22/EVV
C40610 16V22/EVV
C40611 0.1/UFV
C40612 6V22/EVV
C40613 2200P/UBV
C40614 0.1/UFV
C40615 0.1/UFV
C40616 0.1/UFV
C40617 0.1/UFV
C40618 0.1/UFV
C40619 16V10/EVV
C40620 6V22/EVV
C40621 6V22/EVV
C40622 1/UBM
C40623 1/UBM
C40624 150P/UV
C40625 0.1/UFV
C40626 0.1/UFV
C40627 0.1/UFV
C40628 150P/UV
C40629 1/UBM
C40630 0.1/UFV
C40631 0.1/UFV
C40632 0.1/UFV
C40633 PAT/UFV
C40634 1/UBM
C40635 0.1/UFV
C40636 6V33/EVV
CP40601 CP40602 CP40603 CP40604 CP40605 CP40606 CP40607 CP40608 CP40609 CP40610 CP40611

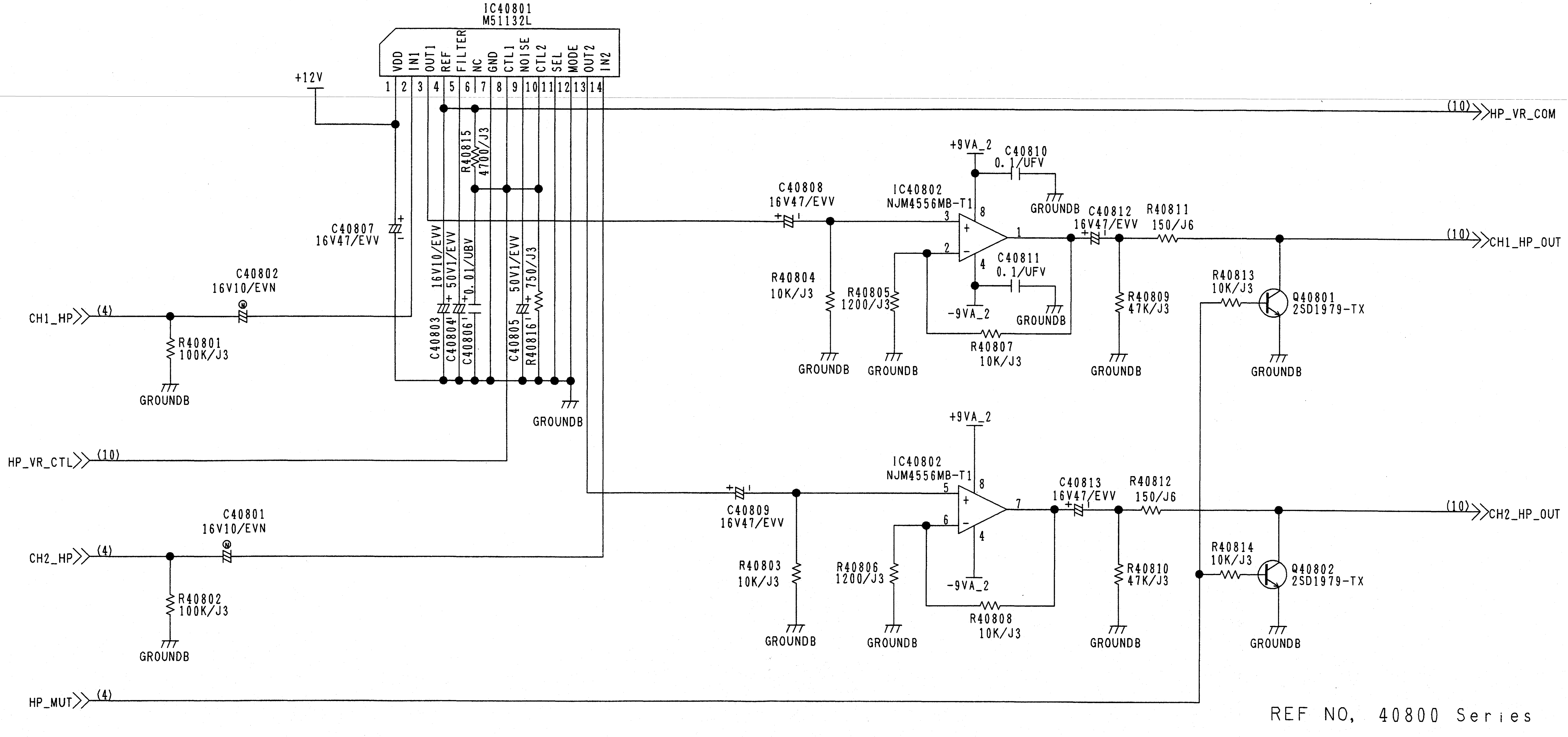
REF NO. 40600 Series

COMPONENT NAME	AUDIO (CUE ADDA)	07/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM048	

VIDE-V26967 / DRUCK57

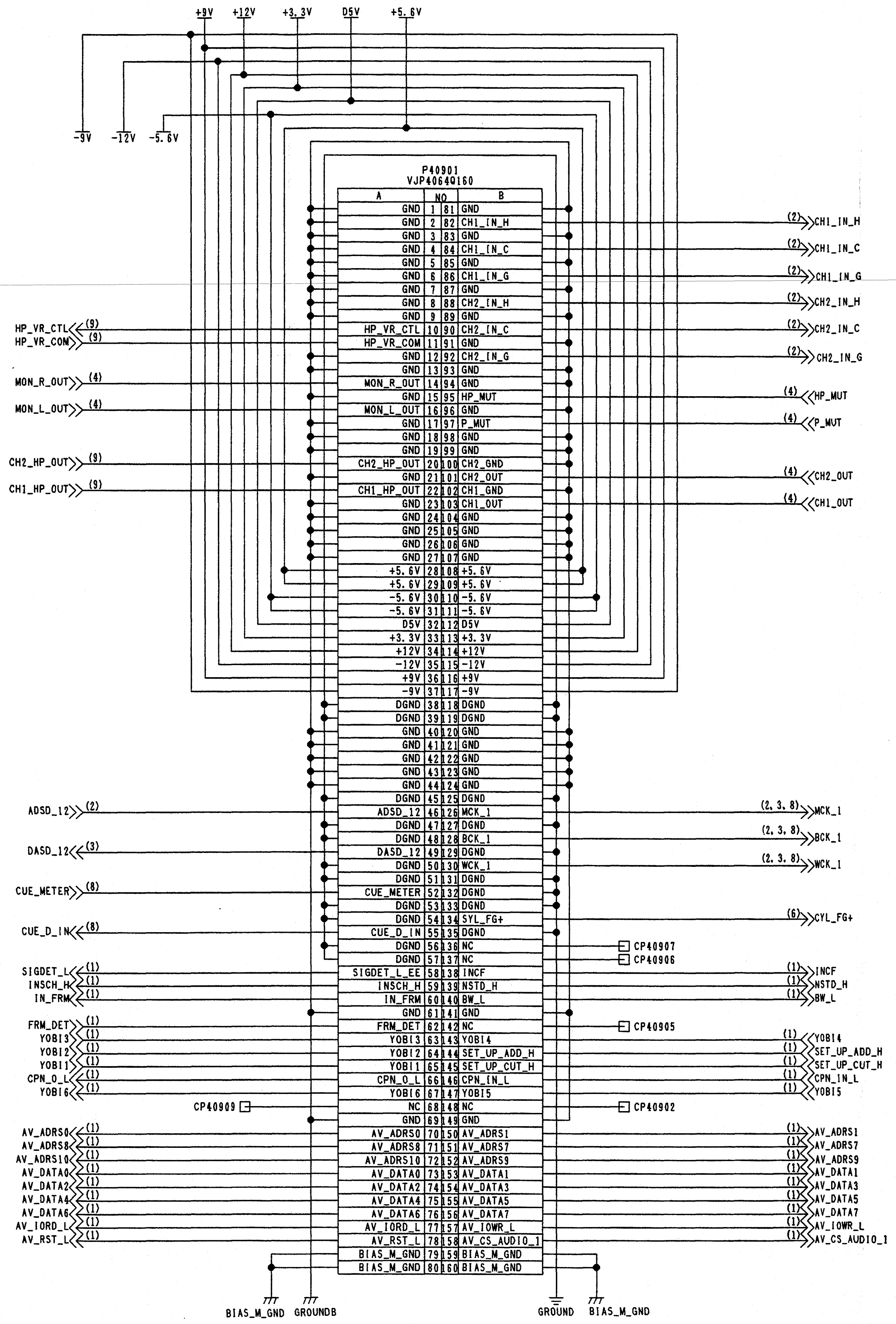

DLY_SET_R[0-11]
CUE_D_IN
IC40704 TC4W53FUTL
+A5VP_2
GROUND
CUE_EE. PB_N
IC40703 MC74HC74AF-R
R40706 330/J3
R40707 330/J3
R40708 330/J3
CP40701
CP40702
CP40703
C40703 0.1/UFV
CP40704
CP40705
CP40706
CP40707
CP40708
CP40709
CP40710
CP40711
CP40712
CP40713
CP40714
CP40715
CP40716
CP40717
CP40718
CP40719
CP40720
R40701 PAT/J3
R40702 0/J3
R40703 PAT/J3
R40704 PAT/J3
R40705 PAT/J3
R40709 330/J3
IC40701 MB621926
C40704 0.1/UFV
C40702 0.1/UFV
DLY_ADRS_R[0-8]
IC40702 MB81480070
R40710 PAT/J3
R40711 0/J3
R40712 PAT/J3
R40713 0/J3
R40714
R40715 PAT/J3
CP40721
CP40722
CP40723
CP40724
CP40725
CP40726
CP40727
CP40728
CP40729
CP40730
CP40731
CP40732
CP40733
C40706 0.1/UFV
CUE_PASS_H
IC40705 TVHC541FTEL
BCK_1
MCK_1
WCK_1
CUE_DAIN
CUE_METER
CUE_BCK_A
CUE_MCK_A
CUE_WCK_A
C40701 0.1/UFV
C40705 0.01/UBV
IC40706 TVHC164FTEL
C40707 0.01/UBV
IC40707 TVHC164FTEL
IC40709 TC7W74FUTL
IC40708 TC75H04FUTL
CUE_AD_OUT
D5V
FL40701 VLF0941C223T
C40708 6V33/EVV
C40709 0.1/UFV
REF NO, 40700 Series

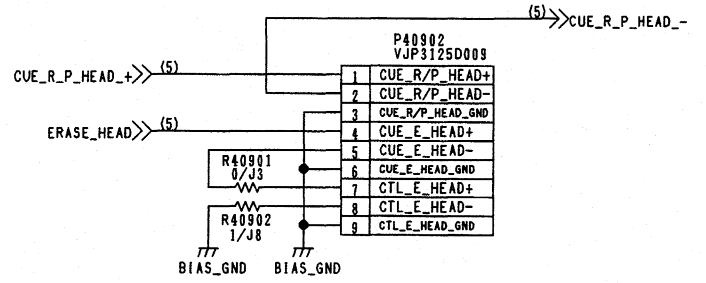
COMPONENT NAME	AUDIO (CUE-DLY)	08/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84312C	AJ-D94	
	SCM049	


IC40801
M51132L
VDD
IN1
OUT1
REF
FILTER
NC
GND
CTL1
NOISE
CTL2
SEL
MODE
OUT2
IN2
1 2 3 4 5 6 7 8 9 10 11 12 13 14
+12V
R40815
4700/J3
C40807
16V47/EVV
C40803
16V10/EVV
C40804
50V1/EVV
C40806
0.01/UBV
C40805
50V1/EVV
R40816
750/J3
GROUNDB
CH1_HP
(4)
C40802
16V10/EVN
R40801
100K/J3
GROUNDB
HP_VR_CTL
(10)
CH2_HP
(4)
C40801
16V10/EVN
R40802
100K/J3
GROUNDB
HP_MUT
(4)
(10)
HP_VR_COM
+9VA_2
C40810
0.1/UFV
GROUNDB
C40808
16V47/EVV
IC40802
NJM4556MB-T1
3
8
2
1
4
C40811
0.1/UFV
-9VA_2
GROUNDB
C40812
16V47/EVV
R40811
150/J6
(10)
CH1_HP_OUT
R40804
10K/J3
R40805
1200/J3
R40807
10K/J3
R40809
47K/J3
GROUNDB
GROUNDB
GROUNDB
R40813
10K/J3
Q40801
2SD1979-TX
GROUNDB
+9VA_2
IC40802
NJM4556MB-T1
5
8
6
7
4
C40809
16V47/EVV
-9VA_2
C40813
16V47/EVV
R40812
150/J6
(10)
CH2_HP_OUT
R40803
10K/J3
R40806
1200/J3
R40808
10K/J3
R40810
47K/J3
GROUNDB
GROUNDB
GROUNDB
R40814
10K/J3
Q40802
2SD1979-TX
GROUNDB

REF NO, 40800 Series

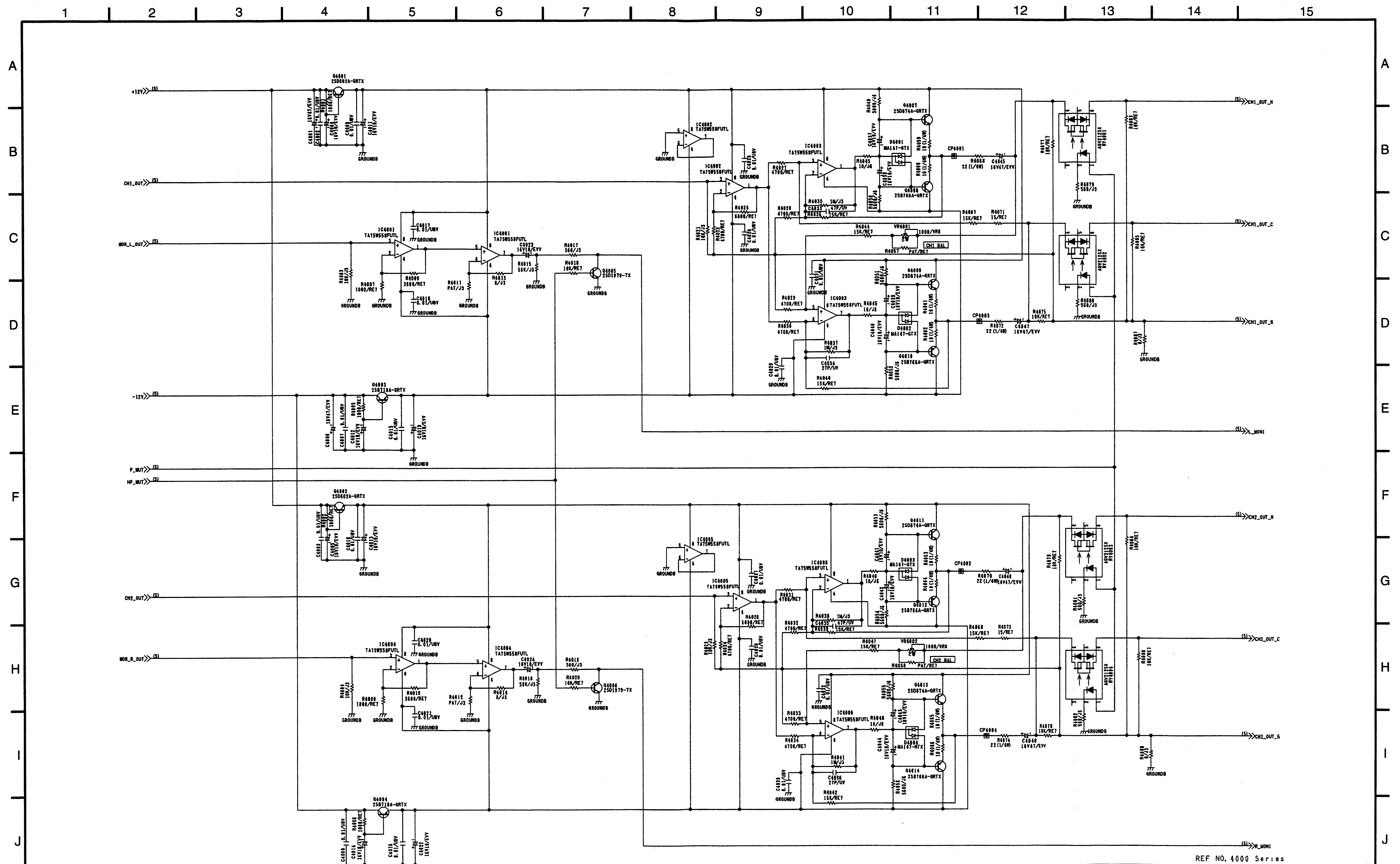
COMPONENT NAME	AUDIO (HP)	09/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM050	


+9V
+12V
+3.3V
D5V
+5.6V
-9V
-12V
-5.6V
P40901
VJP4064Q160
A
NO
B
GND 1 81 GND
GND 2 82 CH1_IN_H
GND 3 83 GND
GND 4 84 CH1_IN_C
GND 5 85 GND
GND 6 86 CH1_IN_G
GND 7 87 GND
GND 8 88 CH2_IN_H
GND 9 89 GND
HP_VR_CTL 10 90 CH2_IN_C
HP_VR_COM 11 91 GND
GND 12 92 CH2_IN_G
GND 13 93 GND
MON_R_OUT 14 94 GND
GND 15 95 HP_MUT
MON_L_OUT 16 96 GND
GND 17 97 P_MUT
GND 18 98 GND
GND 19 99 GND
CH2_HP_OUT 20 100 CH2_GND
GND 21 101 CH2_OUT
CH1_HP_OUT 22 102 CH1_GND
GND 23 103 CH1_OUT
GND 24 104 GND
GND 25 105 GND
GND 26 106 GND
GND 27 107 GND
+5.6V 28 108 +5.6V
+5.6V 29 109 +5.6V
-5.6V 30 110 -5.6V
-5.6V 31 111 -5.6V
D5V 32 112 D5V
+3.3V 33 113 +3.3V
+12V 34 114 +12V
-12V 35 115 -12V
+9V 36 116 +9V
-9V 37 117 -9V
DGND 38 118 DGND
DGND 39 119 DGND
GND 40 120 GND
GND 41 121 GND
GND 42 122 GND
GND 43 123 GND
GND 44 124 GND
DGND 45 125 DGND
ADSD_12 46 126 MCK_1
DGND 47 127 DGND
DGND 48 128 BCK_1
DASD_12 49 129 DGND
DGND 50 130 WCK_1
DGND 51 131 DGND
CUE_METER 52 132 DGND
DGND 53 133 DGND
DGND 54 134 SYL_FG+
CUE_D_IN 55 135 DGND
DGND 56 136 NC
DGND 57 137 NC
SIGDET_L_EE 58 138 INCF
INSCH_H 59 139 NSTD_H
IN_FRM 60 140 BW_L
GND 61 141 GND
FRM_DET 62 142 NC
YOBI3 63 143 YOBI4
YOBI2 64 144 SET_UP_ADD_H
YOBI1 65 145 SET_UP_CUT_H
CPN_O_L 66 146 CPN_IN_L
YOBI6 67 147 YOBI5
NC 68 148 NC
GND 69 149 GND
AV_ADRS0 70 150 AV_ADRS1
AV_ADRS8 71 151 AV_ADRS7
AV_ADRS10 72 152 AV_ADRS9
AV_DATA0 73 153 AV_DATA1
AV_DATA2 74 154 AV_DATA3
AV_DATA4 75 155 AV_DATA5
AV_DATA6 76 156 AV_DATA7
AV_IORD_L 77 157 AV_IOWR_L
AV_RST_L 78 158 AV_CS_AUDIO_1
BIAS_M_GND 79 159 BIAS_M_GND
BIAS_M_GND 80 160 BIAS_M_GND
HP_VR_CTL (9)
HP_VR_COM (9)
MON_R_OUT (4)
MON_L_OUT (4)
CH2_HP_OUT (9)
CH1_HP_OUT (9)
ADSD_12 (2)
DASD_12 (3)
CUE_METER (8)
CUE_D_IN (8)
SIGDET_L (1)
INSCH_H (1)
IN_FRM (1)
FRM_DET (1)
YOBI3 (1)
YOBI2 (1)
YOBI1 (1)
CPN_O_L (1)
YOBI6 (1)
CP40909
AV_ADRS0 (1)
AV_ADRS8 (1)
AV_ADRS10 (1)
AV_DATA0 (1)
AV_DATA2 (1)
AV_DATA4 (1)
AV_DATA6 (1)
AV_IORD_L (1)
AV_RST_L (1)
BIAS_M_GND
GROUNDB
(2) CH1_IN_H
(2) CH1_IN_C
(2) CH1_IN_G
(2) CH2_IN_H
(2) CH2_IN_C
(2) CH2_IN_G
(4) HP_MUT
(4) P_MUT
(4) CH2_OUT
(4) CH1_OUT
(2, 3, 8) MCK_1
(2, 3, 8) BCK_1
(2, 3, 8) WCK_1
(6) CYL_FG+
CP40907
CP40906
(1) INCF
(1) NSTD_H
(1) BW_L
CP40905
(1) YOBI4
(1) SET_UP_ADD_H
(1) SET_UP_CUT_H
(1) CPN_IN_L
(1) YOBI5
CP40902
(1) AV_ADRS1
(1) AV_ADRS7
(1) AV_ADRS9
(1) AV_DATA1
(1) AV_DATA3
(1) AV_DATA5
(1) AV_DATA7
(1) AV_IOWR_L
(1) AV_CS_AUDIO_1
GROUND
BIAS_M_GND


(5) CUE_R_P_HEAD_-
P40902
VJP3125D009
CUE_R_P_HEAD_+ (5)
ERASE_HEAD (5)
1 CUE_R/P_HEAD+
2 CUE_R/P_HEAD-
3 CUE_R/P_HEAD_GND
4 CUE_E_HEAD+
5 CUE_E_HEAD-
6 CUE_E_HEAD_GND
7 CTL_E_HEAD+
8 CTL_E_HEAD-
9 CTL_E_HEAD_GND
R40901
0/J3
R40902
1/J8
BIAS_GND
BIAS_GND

REF NO, 40900 Series

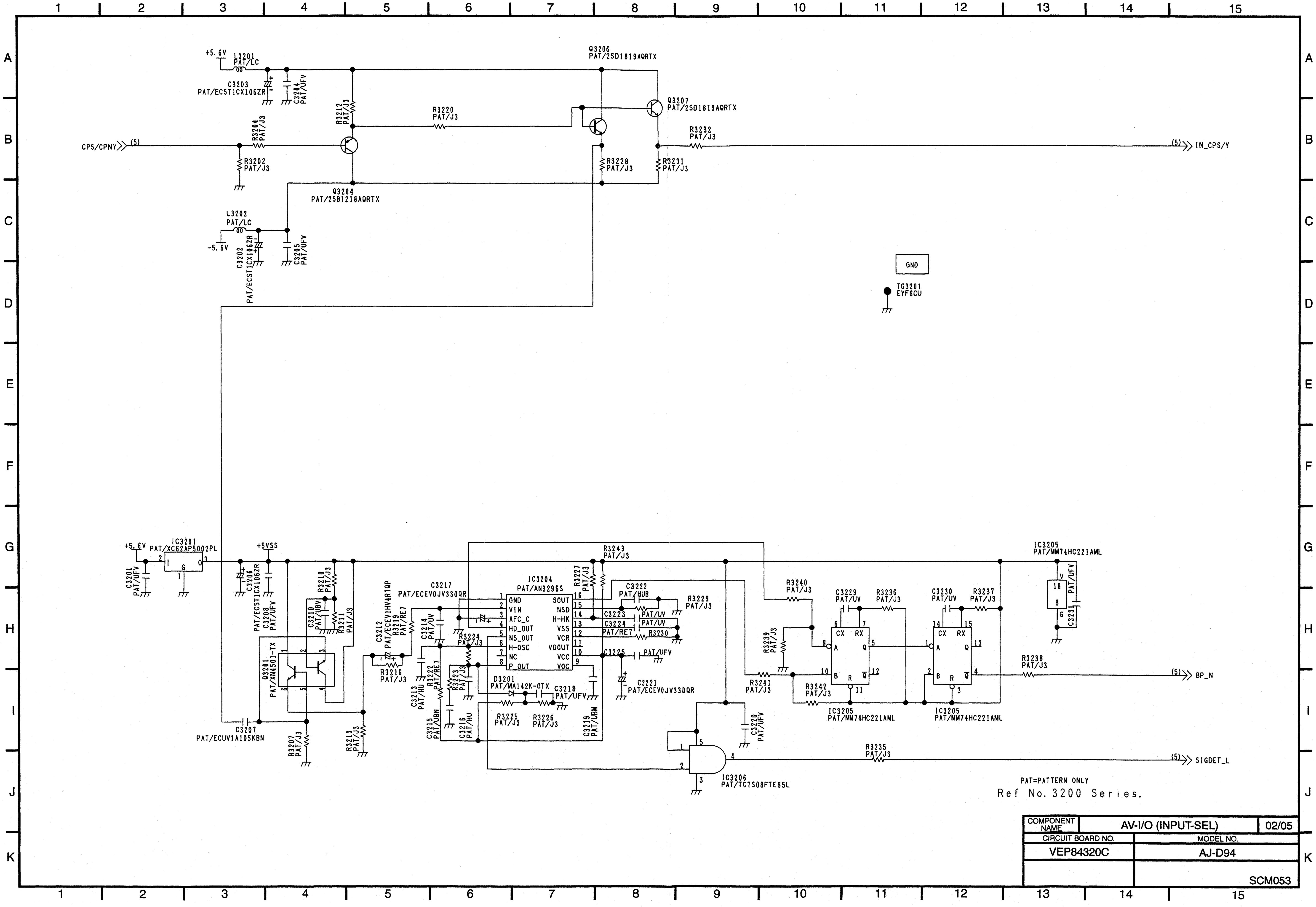
COMPONENT NAME	AUDIO (CONNECT)	10/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP84319C	AJ-D94	
	SCM051	


+12V
CH1_OUT
MON_L_OUT
-12V
P_MUT
HP_MUT
CH2_OUT
MON_R_OUT
CH1_OUT_H
CH1_OUT_C
CH1_OUT_G
L_MONI
CH2_OUT_H
CH2_OUT_C
CH2_OUT_G
R_MONI
Q4001 2SD602A-QRTX
Q4002 2SD602A-QRTX
Q4003 2SB710A-QRTX
Q4004 2SB710A-QRTX
Q4005 2SD1979-TX
Q4006 2SD1979-TX
Q4007 2SD874A-QRTX
Q4008 2SB766A-QRTX
Q4009 2SD874A-QRTX
Q4010 2SB766A-QRTX
Q4011 2SD874A-QRTX
Q4012 2SB766A-QRTX
Q4013 2SD874A-QRTX
Q4014 2SB766A-QRTX
IC4001 TA75W558FUTL
IC4002 TA75W558FUTL
IC4003 TA75W558FUTL
IC4004 TA75W558FUTL
IC4005 TA75W558FUTL
IC4006 TA75W558FUTL
D4001 MA147-GTX
D4002 MA147-GTX
D4003 MA147-GTX
D4004 MA147-GTX
VR4001 1000/VR8
VR4002 1000/VR8
CH1 BAL
CH2 BAL
CP4001
CP4002
CP4003
CP4004
GROUNDB
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

REF NO. 4000 Series

COMPONENT NAME	AV-I/O(AUDIO)	01/05
CIRCUIT BOARD NO.	MODEL NO.	
VEP84320C	AJ-D94	

SCM052

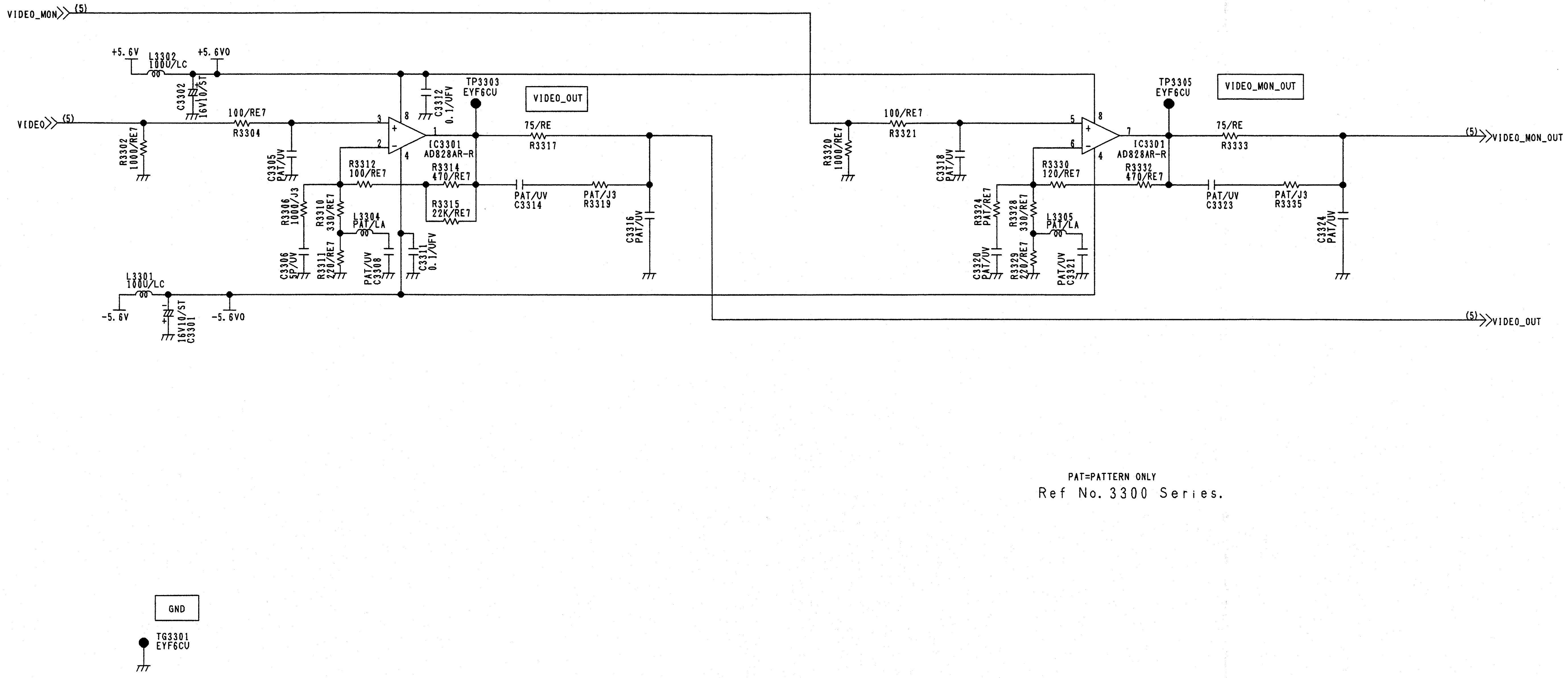

+5.6V
L3201 PAT/LC
C3203 PAT/ECST1CX106ZR
C3204 PAT/UFV
Q3206 PAT/2SD1819AQRTX
Q3207 PAT/2SD1819AQRTX
R3212 PAT/J3
R3220 PAT/J3
R3204 PAT/J3
R3202 PAT/J3
CPS/CPNY
(5)
Q3204 PAT/2SB1218AQRTX
R3228 PAT/J3
R3231 PAT/J3
R3232 PAT/J3
IN_CPS/Y
L3202 PAT/LC
-5.6V
C3202 PAT/ECST1CX106ZR
C3205 PAT/UFV
GND
TG3201 EYF6CU
+5.6V
IC3201 PAT/XC62AP5002PL
C3201 PAT/UFV
+5VSS
C3206 PAT/ECST1CX106ZR
C3208 PAT/UFV
R3210 PAT/J3
C3210 PAT/UBV
R3211 PAT/J3
Q3201 PAT/XN4501-TX
C3207 PAT/ECUV1A105KBN
R3207 PAT/J3
R3213 PAT/J3
C3212 PAT/ECEV1HV4R7QP
R3219 PAT/RE7
R3216 PAT/J3
C3217 PAT/ECEV0JV330QR
C3214 PAT/UV
C3213 PAT/HU
R3222 PAT/RE7
R3224 PAT/J3
R3223 PAT/J3
C3215 PAT/UBN
C3216 PAT/HU
IC3204 PAT/AN3296S
GND VIN AFC_C HD_OUT NS_OUT H-OSC NC P_OUT
SOUT NSD H-HK VSS VCR VDOUT VCC VOC
D3201 PAT/MA142K-GTX
C3218 PAT/UFV
R3225 PAT/J3
R3226 PAT/J3
C3219 PAT/UBM
R3227 PAT/J3
R3243 PAT/J3
C3222 PAT/HUB
R3229 PAT/J3
C3223 PAT/UV
C3224 PAT/UV
PAT/RE7
R3230
C3225 PAT/UFV
C3221 PAT/ECEV0JV330QR
C3220 PAT/UFV
IC3206 PAT/TC7S08FTE85L
R3235 PAT/J3
SIGDET_L
R3240 PAT/J3
R3239 PAT/J3
R3241 PAT/J3
R3242 PAT/J3
C3229 PAT/UV
R3236 PAT/J3
C3230 PAT/UV
R3237 PAT/J3
IC3205 PAT/MM74HC221AML
C3231 PAT/UFV
R3238 PAT/J3
BP_N

PAT=PATTERN ONLY

Ref No. 3200 Series.

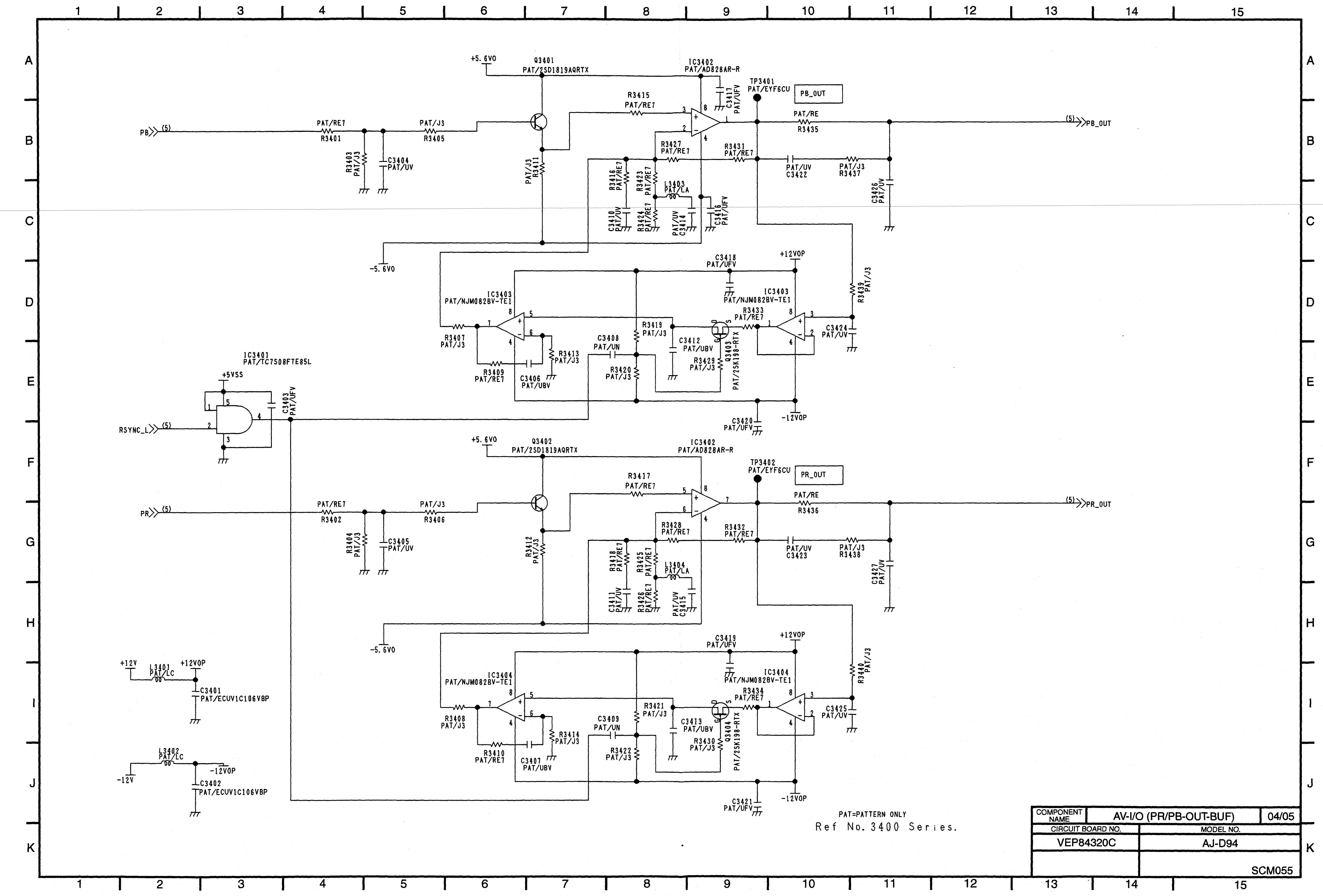
COMPONENT NAME	AV-I/O (INPUT-SEL)	02/05
CIRCUIT BOARD NO.	MODEL NO.	
VEP84320C	AJ-D94	
	SCM053	

/IDE-V26967 / DRUCK62


VIDEO_MON
(5)
+5.6V
L3302
100U/LC
+5.6VO
C3302
16V10/ST
VIDEO
(5)
R3302
1000/RE7
100/RE7
R3304
C3305
PAT/UV
3
2
8
4
1
C3312
0.1/UFV
TP3303
EYF6CU
VIDEO_OUT
IC3301
AD828AR-R
75/RE
R3317
R3312
100/RE7
R3314
470/RE7
R3315
22K/RE7
PAT/UV
C3314
PAT/J3
R3319
C3316
PAT/UV
R3306
1000/J3
R3310
330/RE7
L3304
PAT/LA
C3306
5P/UV
R3311
220/RE7
PAT/UV
C3308
C3311
0.1/UFV
L3301
100U/LC
-5.6V
16V10/ST
C3301
-5.6VO
R3320
1000/RE7
100/RE7
R3321
C3318
PAT/UV
5
6
8
4
7
IC3301
AD828AR-R
TP3305
EYF6CU
VIDEO_MON_OUT
75/RE
R3333
(5)
VIDEO_MON_OUT
R3330
120/RE7
R3332
470/RE7
PAT/UV
C3323
PAT/J3
R3335
C3324
PAT/UV
R3324
PAT/RE7
R3328
330/RE7
L3305
PAT/LA
C3320
PAT/UV
R3329
220/RE7
PAT/UV
C3321
(5)
VIDEO_OUT
GND
TG3301
EYF6CU

PAT=PATTERN ONLY
Ref No. 3300 Series.

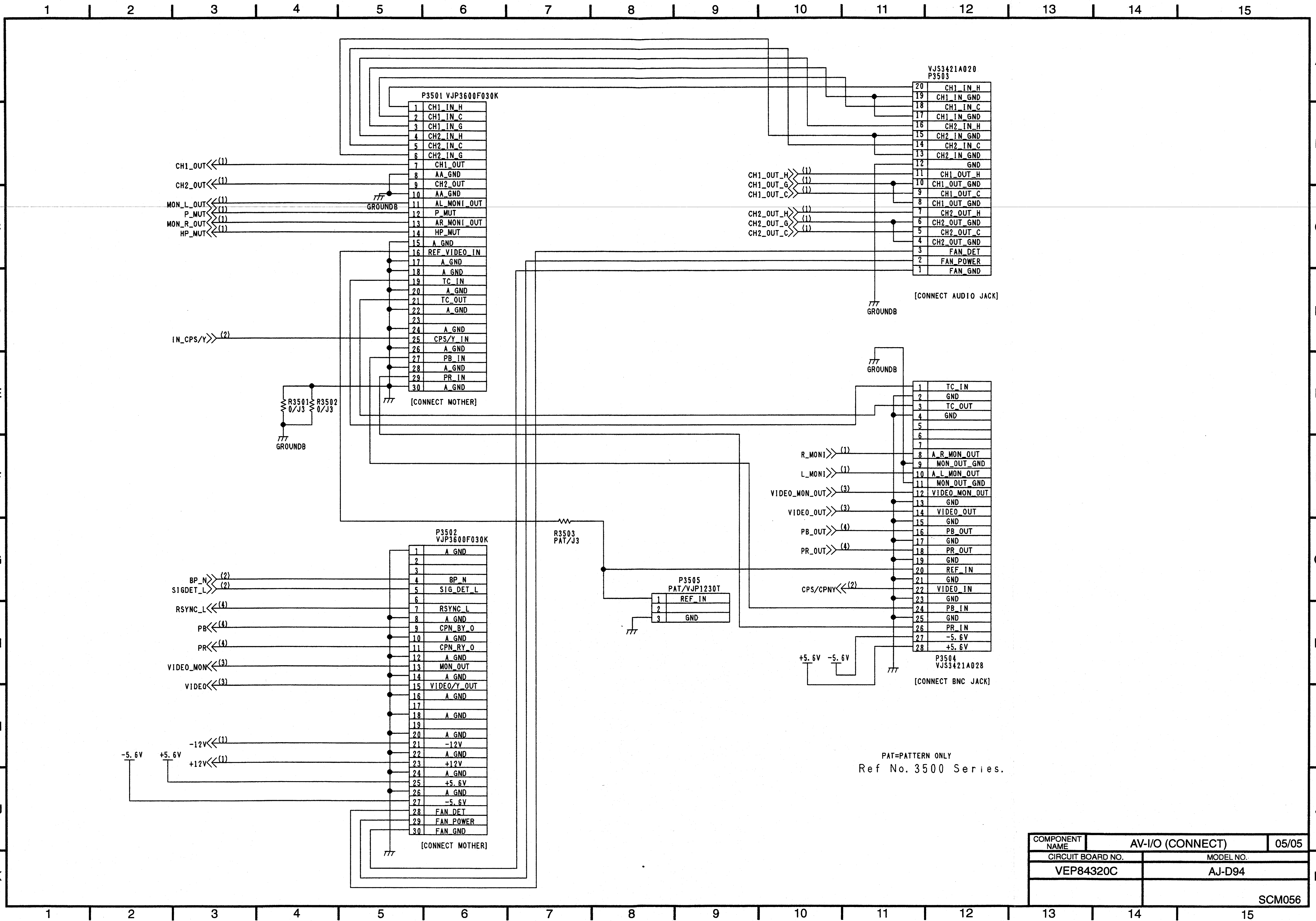
COMPONENT NAME	AV-I/O (OUTPUT-BUF)	03/05
CIRCUIT BOARD NO.	MODEL NO.	
VEP84320C	AJ-D94	
	SCM054	


PB
(5)
PAT/RE7
R3401
PAT/J3
R3405
R3403 PAT/J3
C3404 PAT/UV
+5.6VO
Q3401
PAT/2SD1819AQRTX
R3411 PAT/J3
-5.6VO
R3415
PAT/RE7
IC3402
PAT/AD828AR-R
C3417 PAT/UFV
R3427 PAT/RE7
R3416 PAT/RE7
R3423 PAT/RE7
L3403 PAT/LA
C3410 PAT/UV
R3424 PAT/RE7
C3414 PAT/UV
C3416 PAT/UFV
TP3401
PAT/EYF6CU
PB_OUT
PAT/RE
R3435
(5) PB_OUT
R3431 PAT/RE7
PAT/UV C3422
PAT/J3 R3437
C3426 PAT/UV
R3439 PAT/J3
C3418 PAT/UFV
+12VOP
IC3403
PAT/NJM082BV-TE1
R3407 PAT/J3
R3409 PAT/RE7
C3406 PAT/UBV
R3413 PAT/J3
C3408 PAT/UN
R3419 PAT/J3
R3420 PAT/J3
C3412 PAT/UBV
R3429 PAT/J3
Q3403 PAT/2SK198-RTX
R3433 PAT/RE7
C3424 PAT/UV
C3420 PAT/UFV
-12VOP
IC3401
PAT/TC7S08FTE85L
+5VSS
C3403 PAT/UFV
RSYNC_L
(5)
Q3402
PAT/2SD1819AQRTX
R3417 PAT/RE7
IC3402
PAT/AD828AR-R
TP3402
PAT/EYF6CU
PR_OUT
PR
R3402
R3406
R3404 PAT/J3
C3405 PAT/UV
R3412 PAT/J3
R3428 PAT/RE7
R3418 PAT/RE7
R3425 PAT/RE7
L3404 PAT/LA
C3411 PAT/UV
R3426 PAT/RE7
C3415 PAT/UV
R3432 PAT/RE7
R3436
(5) PR_OUT
PAT/UV C3423
PAT/J3 R3438
C3427 PAT/UV
R3440 PAT/J3
C3419 PAT/UFV
IC3404
PAT/NJM082BV-TE1
R3408 PAT/J3
R3410 PAT/RE7
C3407 PAT/UBV
R3414 PAT/J3
C3409 PAT/UN
R3421 PAT/J3
R3422 PAT/J3
C3413 PAT/UBV
R3430 PAT/J3
Q3404 PAT/2SK198-RTX
R3434 PAT/RE7
C3425 PAT/UV
C3421 PAT/UFV
+12V
L3401 PAT/LC
+12VOP
C3401 PAT/ECUV1C106VBP
L3402 PAT/LC
-12V
-12VOP
C3402 PAT/ECUV1C106VBP
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

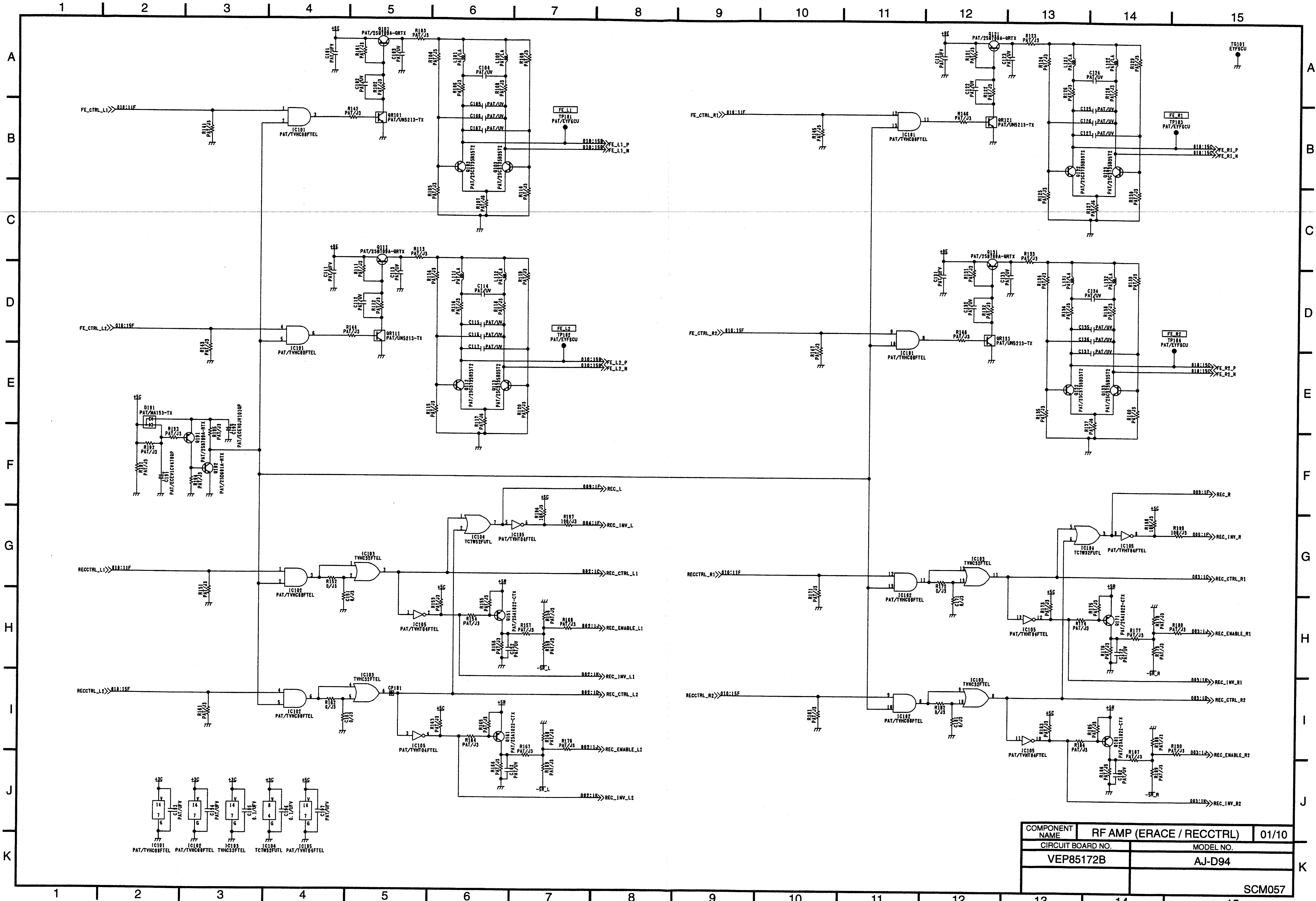
PAT=PATTERN ONLY

Ref No. 3400 Series.

COMPONENT NAME	AV-I/O (PR/PB-OUT-BUF)	04/05
CIRCUIT BOARD NO.	MODEL NO.	
VEP84320C	AJ-D94	
	SCM055	


P3501 VJP3600F030K
1 CH1_IN_H
2 CH1_IN_C
3 CH1_IN_G
4 CH2_IN_H
5 CH2_IN_C
6 CH2_IN_G
7 CH1_OUT
8 AA_GND
9 CH2_OUT
10 AA_GND
11 AL_MONI_OUT
12 P_MUT
13 AR_MONI_OUT
14 HP_MUT
15 A_GND
16 REF_VIDEO_IN
17 A_GND
18 A_GND
19 TC_IN
20 A_GND
21 TC_OUT
22 A_GND
23
24 A_GND
25 CPS/Y_IN
26 A_GND
27 PB_IN
28 A_GND
29 PR_IN
30 A_GND
[CONNECT MOTHER]
CH1_OUT (1)
CH2_OUT (1)
MON_L_OUT (1)
P_MUT (1)
MON_R_OUT (1)
HP_MUT (1)
GROUNDB
IN_CPS/Y (2)
R3501 0/J3
R3502 0/J3
GROUNDB
VJS3421A020
P3503
20 CH1_IN_H
19 CH1_IN_GND
18 CH1_IN_C
17 CH1_IN_GND
16 CH2_IN_H
15 CH2_IN_GND
14 CH2_IN_C
13 CH2_IN_GND
12 GND
11 CH1_OUT_H
10 CH1_OUT_GND
9 CH1_OUT_C
8 CH1_OUT_GND
7 CH2_OUT_H
6 CH2_OUT_GND
5 CH2_OUT_C
4 CH2_OUT_GND
3 FAN_DET
2 FAN_POWER
1 FAN_GND
[CONNECT AUDIO JACK]
CH1_OUT_H (1)
CH1_OUT_G (1)
CH1_OUT_C (1)
CH2_OUT_H (1)
CH2_OUT_G (1)
CH2_OUT_C (1)
GROUNDB
GROUNDB
1 TC_IN
2 GND
3 TC_OUT
4 GND
5
6
7
8 A_R_MON_OUT
9 MON_OUT_GND
10 A_L_MON_OUT
11 MON_OUT_GND
12 VIDEO_MON_OUT
13 GND
14 VIDEO_OUT
15 GND
16 PB_OUT
17 GND
18 PR_OUT
19 GND
20 REF_IN
21 GND
22 VIDEO_IN
23 GND
24 PB_IN
25 GND
26 PR_IN
27 -5.6V
28 +5.6V
P3504
VJS3421A028
[CONNECT BNC JACK]
R_MONI (1)
L_MONI (1)
VIDEO_MON_OUT (3)
VIDEO_OUT (3)
PB_OUT (4)
PR_OUT (4)
CPS/CPNY (2)
+5.6V
-5.6V
R3503
PAT/J3
P3505
PAT/VJP1230T
1 REF_IN
2
3 GND
P3502
VJP3600F030K
1 A_GND
2
3
4 BP_N
5 SIG_DET_L
6
7 RSYNC_L
8 A_GND
9 CPN_BY_O
10 A_GND
11 CPN_RY_O
12 A_GND
13 MON_OUT
14 A_GND
15 VIDEO/Y_OUT
16 A_GND
17
18 A_GND
19
20 A_GND
21 -12V
22 A_GND
23 +12V
24 A_GND
25 +5.6V
26 A_GND
27 -5.6V
28 FAN_DET
29 FAN_POWER
30 FAN_GND
[CONNECT MOTHER]
BP_N (2)
SIGDET_L (2)
RSYNC_L (4)
PB (4)
PR (4)
VIDEO_MON (3)
VIDEO (3)
-12V (1)
+12V (1)
-5.6V
+5.6V
PAT=PATTERN ONLY
Ref No. 3500 Series.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

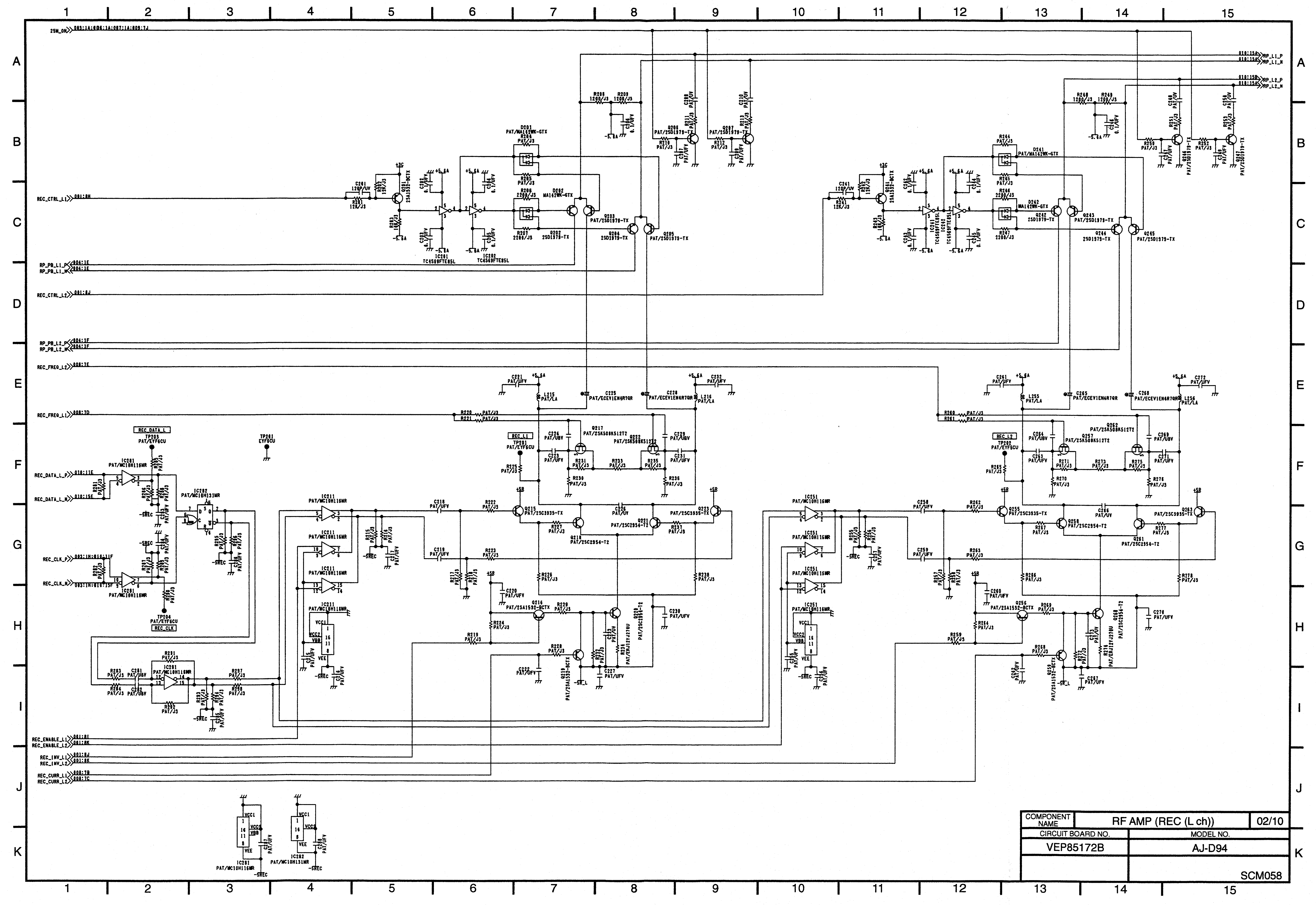
COMPONENT NAME	AV-I/O (CONNECT)	05/05
CIRCUIT BOARD NO.	MODEL NO.	
VEP84320C	AJ-D94	
	SCM056	


FE_CTRL_L1
FE_CTRL_L2
FE_CTRL_R1
FE_CTRL_R2
FE_L1_P
FE_L1_N
FE_L2_P
FE_L2_N
FE_R1_P
FE_R1_N
FE_R2_P
FE_R2_N
RECCTRL_L1
RECCTRL_L2
RECCTRL_R1
RECCTRL_R2
REC_L
REC_INV_L
REC_R
REC_INV_R
REC_CTRL_L1
REC_CTRL_L2
REC_CTRL_R1
REC_CTRL_R2
REC_ENABLE_L1
REC_ENABLE_L2
REC_ENABLE_R1
REC_ENABLE_R2
REC_INV_L1
REC_INV_L2
REC_INV_R1
REC_INV_R2
IC101 PAT/TVHC08FTEL
IC102 PAT/TVHC08FTEL
IC103 TVHC32FTEL
IC104 TC7W32FUTL
IC105 PAT/TVHT04FTEL
Q101 PAT/2SB709A-QRTX
QR101 PAT/UN5213-TX
TP101 PAT/EYF6CU
TP102 PAT/EYF6CU
TP103 PAT/EYF6CU
TP104 PAT/EYF6CU
TG101 EYF6CU
D191 PAT/MA153-TX

COMPONENT NAME	RF AMP (ERACE / RECCTRL)	01/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

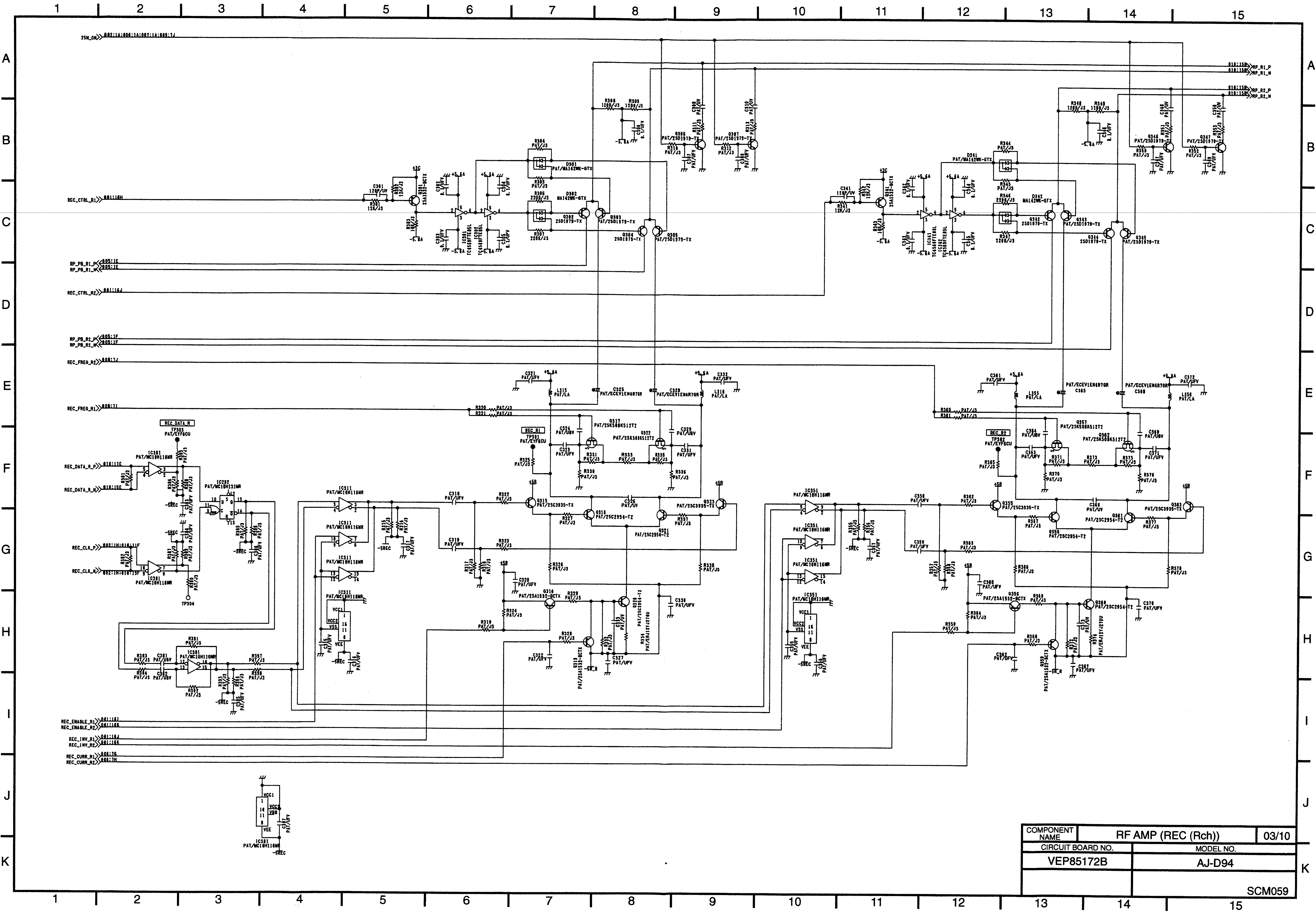
SCM057

VIDE-V26967 / DRUCK66


2SW_ON
REC_CTRL_L1
RP_PB_L1_P
RP_PB_L1_N
REC_CTRL_L2
RP_PB_L2_P
RP_PB_L2_N
REC_FREQ_L2
REC_FREQ_L1
REC_DATA_L_P
REC_DATA_L_N
REC_CLK_P
REC_CLK_N
REC_ENABLE_L1
REC_ENABLE_L2
REC_INV_L1
REC_INV_L2
REC_CURR_L1
REC_CURR_L2
RP_L1_P
RP_L1_N
RP_L2_P
RP_L2_N
REC_DATA_L
REC_CLK
REC_L1
REC_L2
IC201 TC4S69FTE85L
IC202 TC4S69FTE85L
IC241
IC242
IC211 PAT/MC10H116MR
IC251 PAT/MC10H116MR
IC281 PAT/MC10H116MR
IC282 PAT/MC10H131MR
D201 PAT/MA142WK-GTX
D202 MA142WK-GTX
D241 PAT/MA142WK-GTX
D242 MA142WK-GTX
Q203 PAT/2SD1979-TX
Q204 2SD1979-TX
Q205 PAT/2SD1979-TX
Q206 PAT/2SD1979-TX
Q207 PAT/2SD1979-TX
Q215 PAT/2SC3935-TX
Q216 PAT/2SA1532-BCTX
Q217 PAT/2SK508K512T2
Q222 PAT/2SK508K512T2
Q218 PAT/2SC2954-T2
Q221 PAT/2SC2954-T2
Q223 PAT/2SC3935-TX
Q219 PAT/2SA1532-BCTX
Q220 PAT/2SC2954-T2
Q255 PAT/2SC3935-TX
Q256 PAT/2SA1532-BCTX
Q257 PAT/2SK508K512T2
Q258 PAT/2SC2954-T2
Q261 PAT/2SC2954-T2
Q262 PAT/2SK508K512T2
Q263 PAT/2SC3935-TX
TP201 EYF6CU
TP203 PAT/EYF6CU
TP204 PAT/EYF6CU
L215 PAT/LA
L216 PAT/LA
L255 PAT/LA
L256 PAT/LA
C225 PAT/ECEV1EN6R7QR
C228 PAT/ECEV1EN6R7QR
C265 PAT/ECEV1EN6R7QR
C268 PAT/ECEV1EN6R7QR
+5.6A
-5.6A
+5B
-5REC
VCC1
VCC2
VBB
VEE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

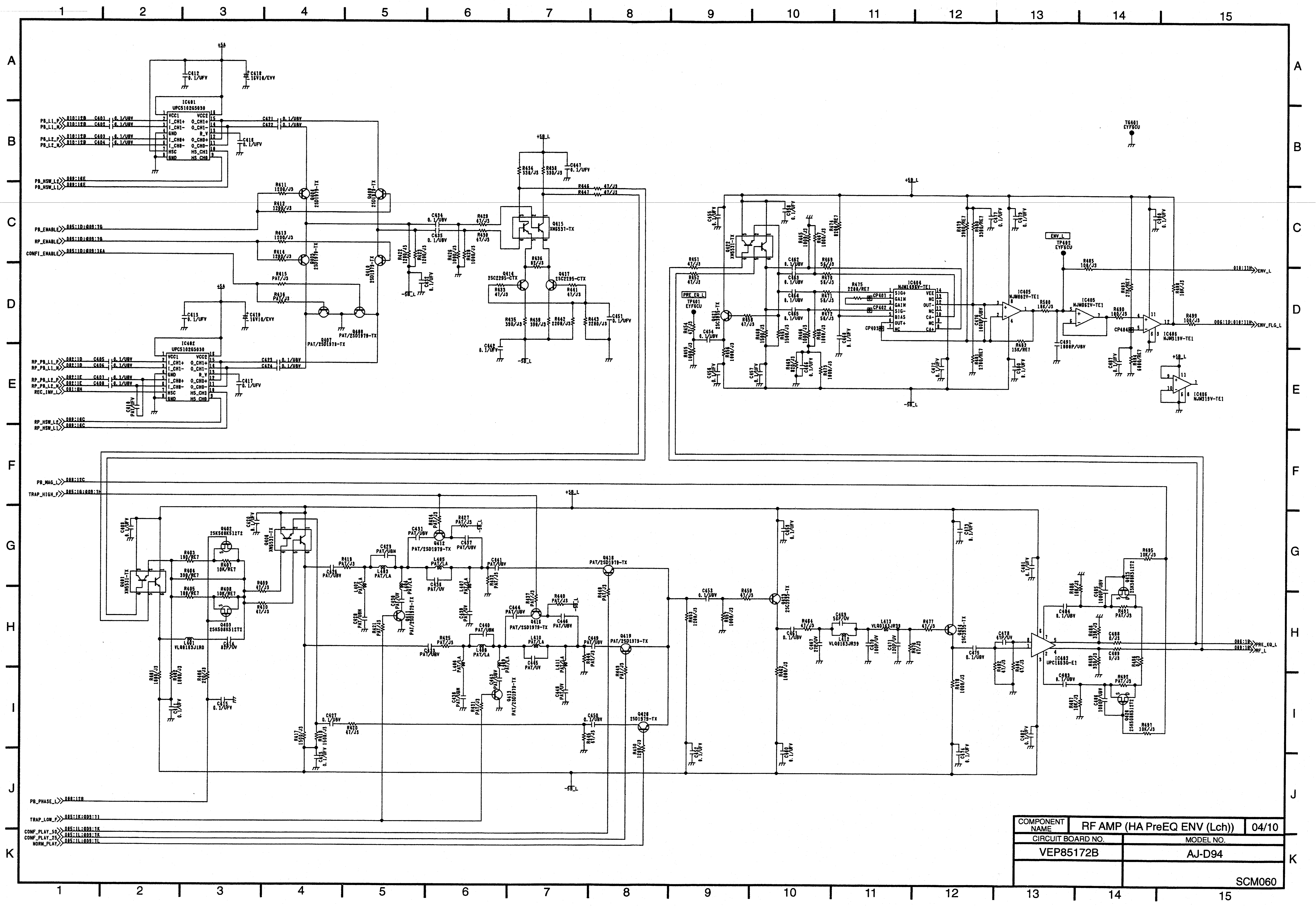
COMPONENT NAME	RF AMP (REC (L ch))	02/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	
	SCM058	

VIDE-V26967 / DRUCK67


2SW_ON
RP_R1_P
RP_R1_N
RP_R2_P
RP_R2_N
REC_CTRL_R1
RP_PB_R1_P
RP_PB_R1_N
REC_CTRL_R2
RP_PB_R2_P
RP_PB_R2_N
REC_FREQ_R2
REC_FREQ_R1
REC_DATA_R
TP505
REC_DATA_R_P
REC_DATA_R_N
REC_CLK_P
REC_CLK_N
TP304
REC_R1
TP301
REC_R2
TP302
REC_ENABLE_R1
REC_ENABLE_R2
REC_INV_R1
REC_INV_R2
REC_CURR_R1
REC_CURR_R2
IC301
IC302
IC311
IC351
D301
D302
D341
D342
Q301
Q302
Q303
Q304
Q305
Q306
Q307
Q341
Q342
Q343
Q344
Q345
Q346
Q347
Q312
Q315
Q316
Q318
Q319
Q321
Q322
Q323
Q352
Q355
Q356
Q358
Q359
Q361
Q362
Q363
L315
L316
L355
L356
2SD1979-TX
2SA1532-BCTX
2SC3935-TX
2SC2954-T2
2SK508K512T2
MA142WK-GTX
TC4S69FTE85L
MC10H116MR
MC10H131MR
+5B
-5REC
+5.6A
-5.6A
+5C
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

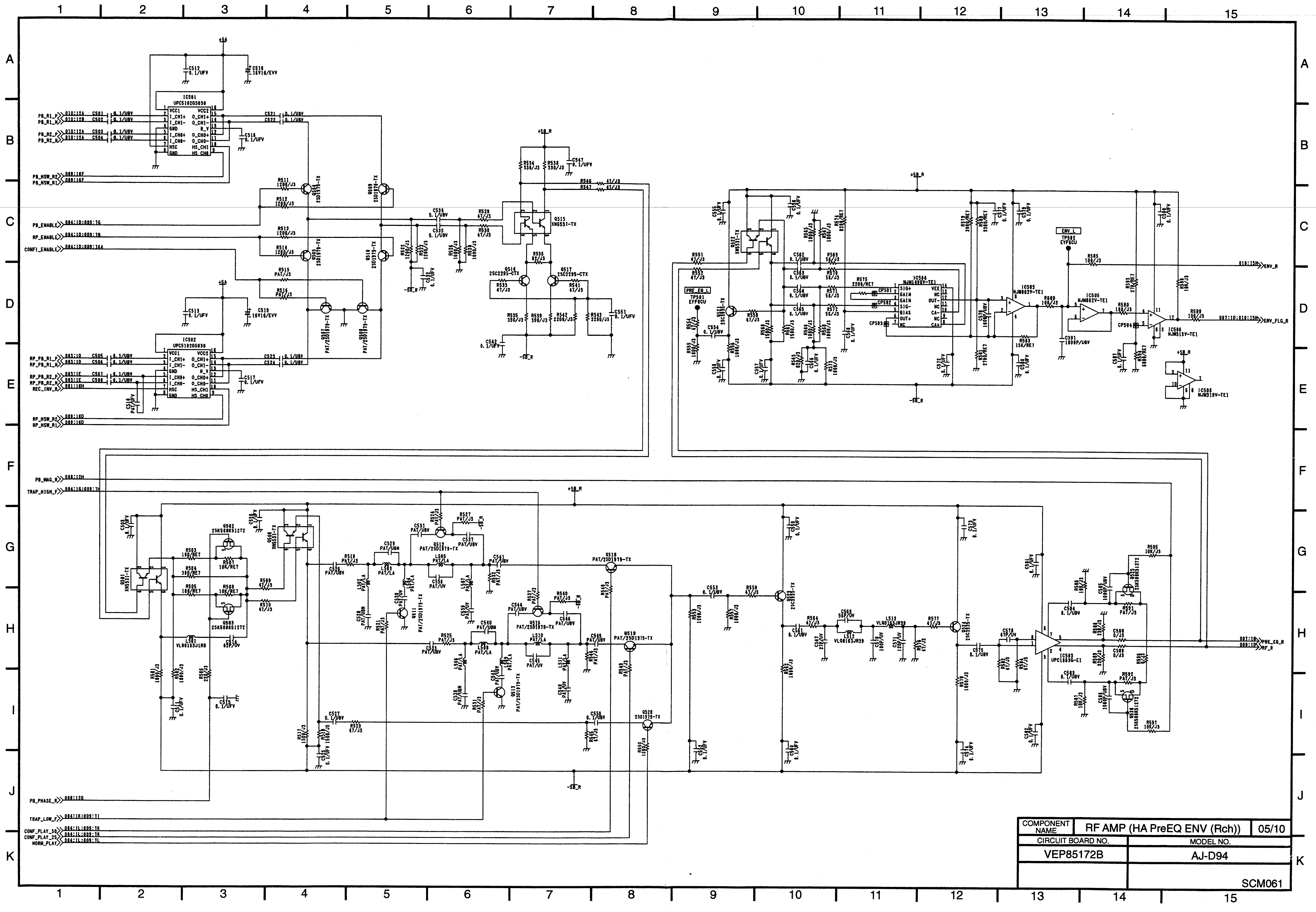
COMPONENT NAME	RF AMP (REC (Rch))	03/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

SCM059

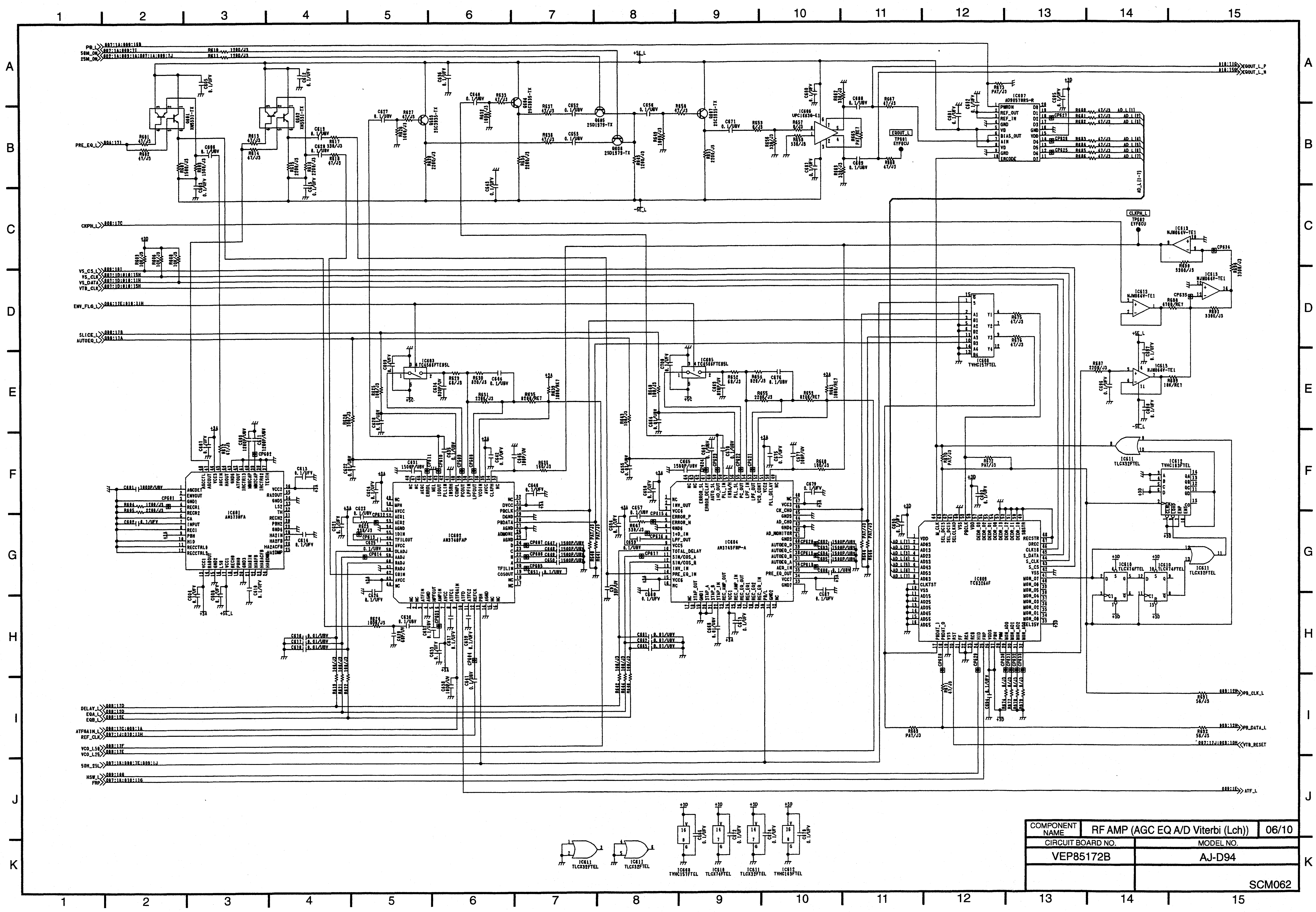

IC401 UPC5102GS030
IC402 UPC5102GS030
PB_L1_P
PB_L1_N
PB_L2_P
PB_L2_N
PB_HSW_L2
PB_HSW_L1
PB_ENABLE
RP_ENABLE
CONFI_ENABLE
RP_PB_L1_P
RP_PB_L1_N
RP_PB_L2_P
RP_PB_L2_N
REC_INV_L
RP_HSW_L2
RP_HSW_L1
Q415 XN6531-TX
Q416 2SC2295-CTX
Q417 2SC2295-CTX
+5B_L
-5B_L
+5A
TG401 EYF6CU
ENV_L
TP402 EYF6CU
PRE_EQ_L
TP401 EYF6CU
IC404 NJM1496V-TE1
IC405 NJM062V-TE1
IC406 NJM319V-TE1
ENV_L
ENV_FLG_L
PB_MAG_L
TRAP_HIGH_F
Q401 XN6531-TX
Q402 2SK508K512T2
Q403 2SK508K512T2
Q404 XN6531-TX
IC403 UPC1663G-E1
PRE_EQ_L
RF_L
PB_PHASE_L
TRAP_LOW_P
CONF_PLAY_50
CONF_PLAY_25
NORM_PLAY

COMPONENT NAME	RF AMP (HA PreEQ ENV (Lch))	04/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

SCM060


+5A
C512 0.1/UFV
C518 16V10/EVV
IC501 UPC5102GS030
VCC1
I_CH1+
I_CH1-
GND
I_CH0+
I_CH0-
HSC
VCC2
O_CH1+
O_CH1-
R_V
O_CH0+
O_CH0-
HS_CH1
HS_CH0
PB_R1_P
PB_R1_N
PB_R2_P
PB_R2_N
010:12A
010:12B
C501 0.1/UBV
C502 0.1/UBV
C503 0.1/UBV
C504 0.1/UBV
C521 0.1/UBV
C522 0.1/UBV
C516 0.1/UFV
PB_HSW_R2
PB_HSW_R1
009:16F
R511 1200/J3
R512 1200/J3
R513 1200/J3
R514 1200/J3
R515 PAT/J3
R516 PAT/J3
Q504 2SD1979-TX
Q505 2SD1979-TX
Q507 PAT/2SD1979-TX
Q508 PAT/2SD1979-TX
Q509 2SD1979-TX
Q510 2SD1979-TX
PB_ENABLE
RP_ENABLE
CONFI_ENABLE
004:1D:009:7G
004:1D:009:16A
+5B_R
-5B_R
R534 330/J3
R538 330/J3
C547 0.1/UFV
R546 47/J3
R547 47/J3
C534 0.1/UBV
C535 0.1/UBV
R529 47/J3
R530 47/J3
Q515 XN6531-TX
R536 82/J3
Q514 2SC2295-CTX
Q517 2SC2295-CTX
R533 47/J3
R541 47/J3
R535 330/J3
R539 330/J3
R542 2200/J3
R543 2200/J3
C551 0.1/UFV
C542 0.1/UFV
+5A
C513 0.1/UFV
C519 16V10/EVV
IC502 UPC5102GS030
RP_PB_R1_P
RP_PB_R1_N
RP_PB_R2_P
RP_PB_R2_N
REC_INV_R
003:1D
003:1E
001:16H
C505 0.1/UBV
C506 0.1/UBV
C507 0.1/UBV
C508 0.1/UBV
C510 PAT/UFV
C523 0.1/UBV
C524 0.1/UBV
C517 0.1/UFV
RP_HSW_R2
RP_HSW_R1
009:16D
PB_MAG_R
008:12H
TRAP_HIGH_F
004:1G:009:7H
C509 0.1/UFV
Q501 XN6531-TX
Q502 2SK508K512T2
Q503 2SK508K512T2
R503 180/RE7
R504 330/RE7
R505 180/RE7
R507 10K/RE7
R508 10K/RE7
R509 47/J3
R510 47/J3
C520 0.1/UFV
Q506 XN6531-TX
L501 VLQ0163J1R0
C514 82P/UV
R501 1800/J3
R502 1800/J3
R506 220/J3
C515 0.1/UFV
R517 1500/J3
R518 1500/J3
PB_PHASE_R
008:12G
TRAP_LOW_F
004:1K:009:7I
CONF_PLAY_50
CONF_PLAY_25
NORM_PLAY
004:1L:009:7K
004:1L:009:7L
Q511 PAT/2SD1979-TX
Q512 PAT/2SD1979-TX
Q513 PAT/2SD1979-TX
Q516 PAT/2SD1979-TX
Q518 PAT/2SD1979-TX
Q519 PAT/2SD1979-TX
Q520 2SD1979-TX
L503 PAT/LA
L505 PAT/LA
L508 PAT/LA
L510 PAT/LA
R519 PAT/J3
R527 PAT/J3
R525 PAT/J3
R540 PAT/J3
C529 PAT/UBN
C540 PAT/UBN
C527 0.1/UBV
R520 47/J3
C550 0.1/UBV
C553 0.1/UBV
R559 47/J3
R564 47/J3
R577 47/J3
C568 56P/UV
L512 VLQ0163J1R39
L513 VLQ0163J1R39
C578 47P/UV
C575 0.1/UFV
C561 0.1/UBV
Q521 2SC2295-TX
Q522 2SC2295-TX
IC503 UPC1665G-E1
C584 0.1/UBV
C583 0.1/UBV
R597 PAT/J3
R592 PAT/J3
R595 10K/J3
R591 10K/J3
Q525 2SK508K512T2
Q526 2SK508K512T2
PRE_EQ_R
RF_R
007:1B
008:1B
+5B_R
Q523 XN6531-TX
R551 47/J3
R552 47/J3
PRE_EQ_L
TP501 EYF6CU
C554 0.1/UBV
R553 47/J3
C562 0.1/UBV
C563 0.1/UBV
C564 0.1/UBV
C565 0.1/UBV
R569 56/J3
R570 56/J3
R571 56/J3
R572 56/J3
R575 2200/RE7
IC504 NJM1496V-TE1
SIG+
GAIN
SIG-
BIAS
OUT+
NC
VEE
OUT-
CA+
CA-
CP501
CP502
CP503
IC505 NJM062V-TE1
R583 15K/RE7
R600 10K/J3
C591 1000P/UBV
ENV_L
TP502 EYF6CU
R585 100/J3
010:15H
ENV_R
R590 100/J3
R593 27K/RE7
R598 10K/J3
C590 0.1/UFV
CP504
IC506 NJM319V-TE1
R599 100/J3
007:1D:010:15H
ENV_FLG_R
C587 0.1/UFV
R594 6800/RE7
-5B_R
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

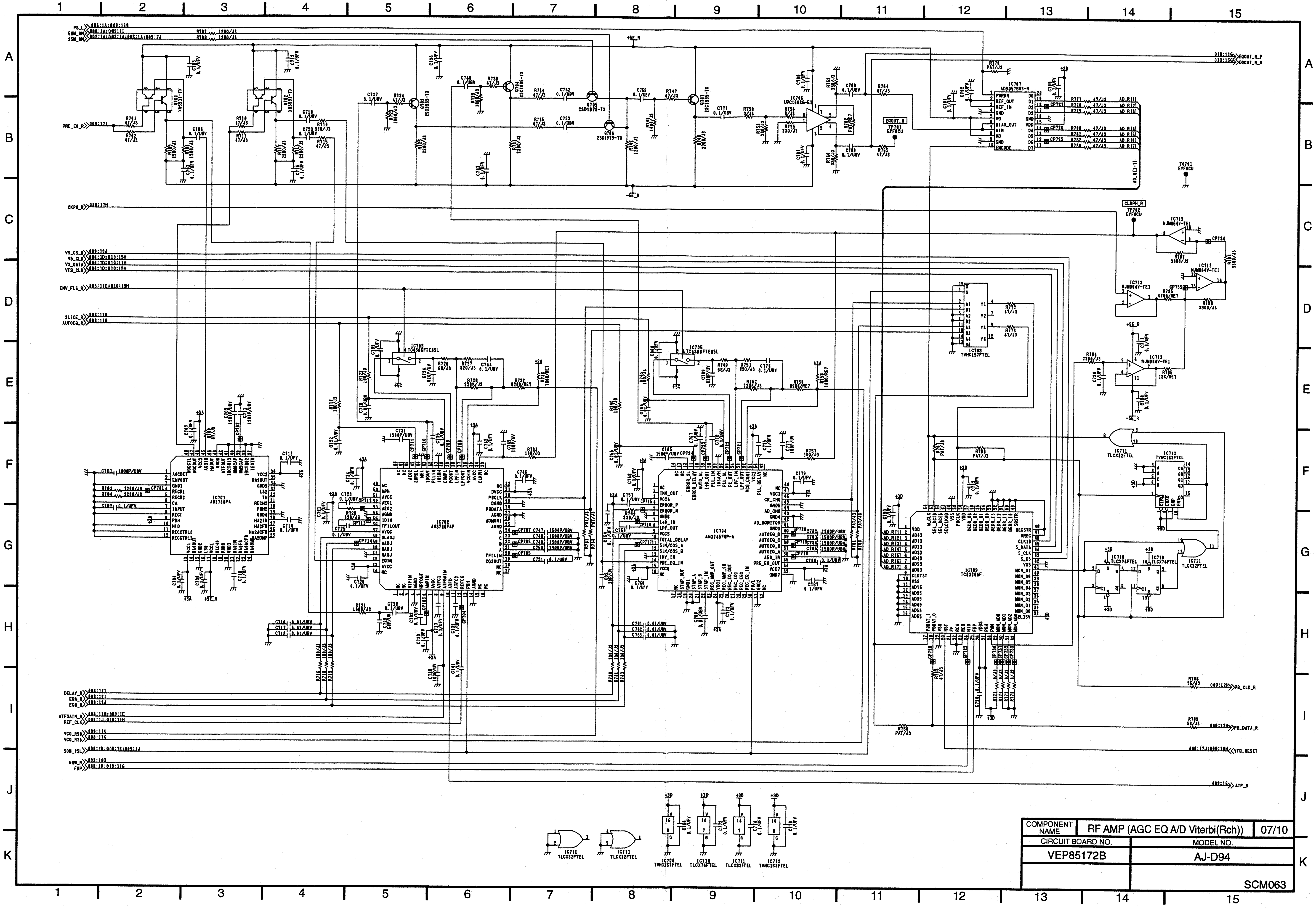
COMPONENT NAME	RF AMP (HA PreEQ ENV (Rch))	05/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	
	SCM061	


PB_L
50M_ON
25M_ON
PRE_EQ_L
CKPH_L
VS_CS_L
VS_CLK
VS_DATA
VTB_CLK
ENV_FLG_L
SLICE_L
AUTOEQ_L
DELAY_L
EQA_L
EQB_L
ATFGAIN_L
REF_CLK
VCO_L50
VCO_L25
50H_25L
HSW_L
FRP
EQOUT_L_P
EQOUT_L_N
EQOUT_L
CLKPH_L
PB_CLK_L
PB_DATA_L
VTB_RESET
ATF_L
+5E_L
-5E_L
IC601 AN3730FA
IC602 AN3748FAP
IC603 TC4S66FTE85L
IC604 AN3745FBP-A
IC605 TC4S66FTE85L
IC606 UPC1663G-E1
IC607 AD9057BRS-R
IC608 TVHC157FTEL
IC609 TC9326AF
IC610 TLCX74FTEL
IC611 TLCX32FTEL
IC612 TVHC163FTEL
IC613 NJM064V-TE1
IC615 NJM064V-TE1
Q601 XN6531-TX
Q602 XN6531-TX
Q603 2SC3935-TX
Q604 2SC3935-TX
Q605 2SD1579-TX
Q606 2SD1579-TX
Q607 2SC3931-TX
TP601 EYF6CU
TP602 EYF6CU

COMPONENT NAME	RF AMP (AGC EQ A/D Viterbi (Lch))	06/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

SCM062

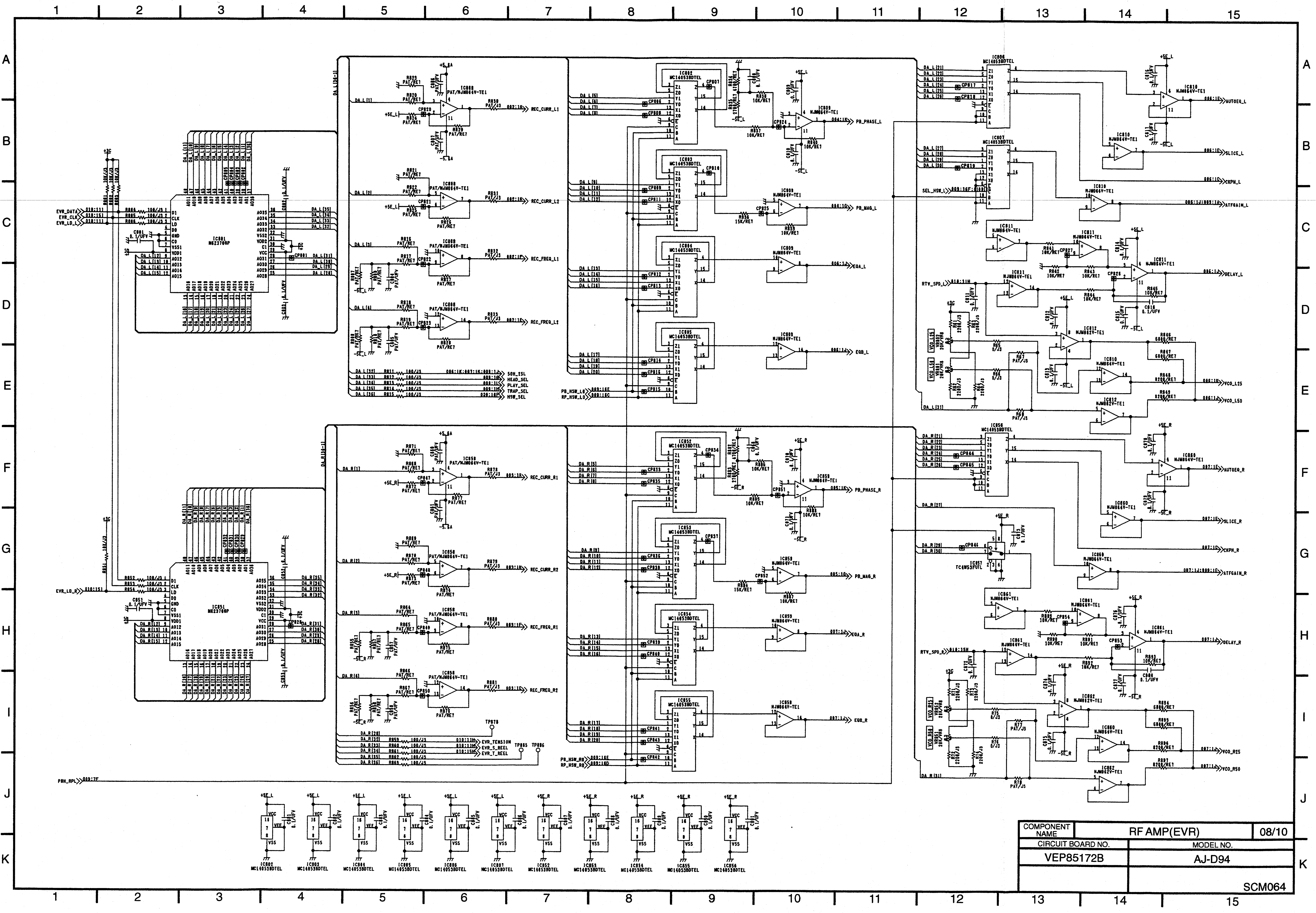
VIDE-V26967 / DRUCK71


PB_L
50M_ON
25M_ON
PRE_EQ_R
CKPH_R
VS_CS_R
VS_CLK
VS_DATA
VTB_CLK
ENV_FLG_R
SLICE_R
AUTOEQ_R
DELAY_R
EQA_R
EQB_R
ATFGAIN_R
REF_CLK
VCO_RS0
VCO_RS5
50H_25L
HSW_R
FRP
EQOUT_R_P
EQOUT_R_N
EQOUT_R
CLKPH_R
PB_CLK_R
PB_DATA_R
VTB_RESET
ATF_R
IC701 AN3730FA
IC702 AN3760FAP
IC703 TC4S66FTE85L
IC704 AN3765FBP-A
IC705 TC4S66FTE85L
IC706 UPC1663G-E1
IC707 AD9057BRS-R
IC708 TVHC157FTEL
IC709 TC9326AF
IC710 TLCX74FTEL
IC711 TLCX32FTEL
IC712 TVHC163FTEL
IC713 NJM864V-TE1
+5E_R
-5E_R
+3A
+3D
+5C

COMPONENT NAME	RF AMP (AGC EQ A/D Viterbi(Rch))	07/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

SCM063

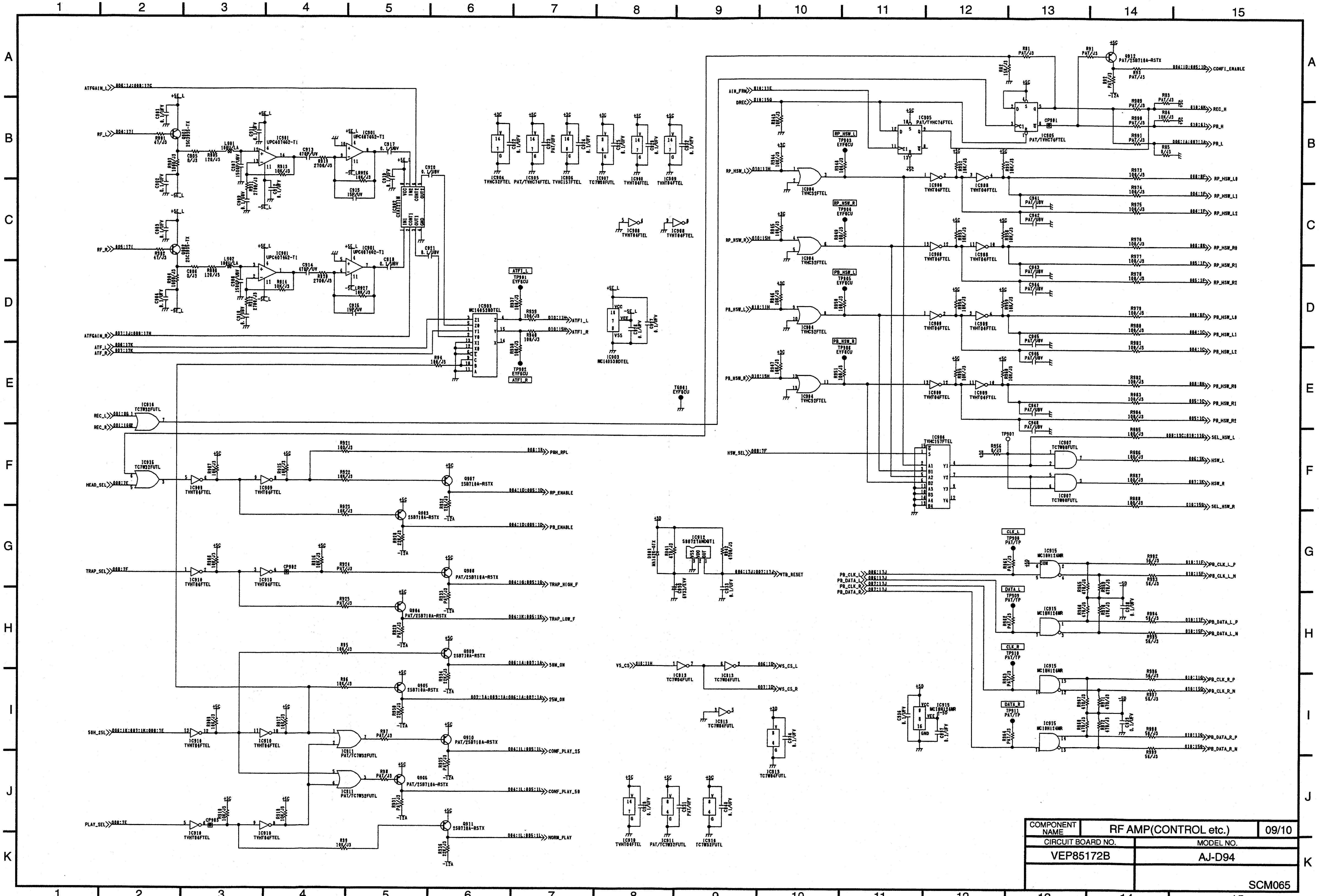
VIDE-V26967 / DRUCK72


EVR_DATA
EVR_CLK
EVR_LD_L
EVR_LD_R
IC801
M62376GP
IC851
M62376GP
REC_CURR_L1
REC_CURR_L2
REC_FREQ_L1
REC_FREQ_L2
SON_25L
HEAD_SEL
PLAY_SEL
TRAP_SEL
HSW_SEL
PB_HSW_L0
RP_HSW_L0
MC14053BDTEL
NJM064V-TE1
PB_PHASE_L
PB_MAG_L
EQA_L
EQB_L
SEL_HSW_L
AUTOEQ_L
SLICE_L
CKPH_L
ATFGAIN_L
DELAY_L
RTV_SPD_L
VCO_L25
VCO_L50
REC_CURR_R1
REC_CURR_R2
REC_FREQ_R1
REC_FREQ_R2
EVR_TENSION
EVR_S_REEL
EVR_T_REEL
TP879
TP885
TP886
PB_HSW_R0
RP_HSW_R0
PB_PHASE_R
PB_MAG_R
EQA_R
EQB_R
AUTOEQ_R
SLICE_R
CKPH_R
ATFGAIN_R
DELAY_R
RTV_SPD_R
VCO_R25
VCO_R50
IC857
TC4W53FUTL
NJM082V-TE1
PBH_RPL
IC802
IC803
IC804
IC805
IC806
IC807
IC852
IC853
IC854
IC855
IC856

COMPONENT NAME	RF AMP(EVR)	08/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

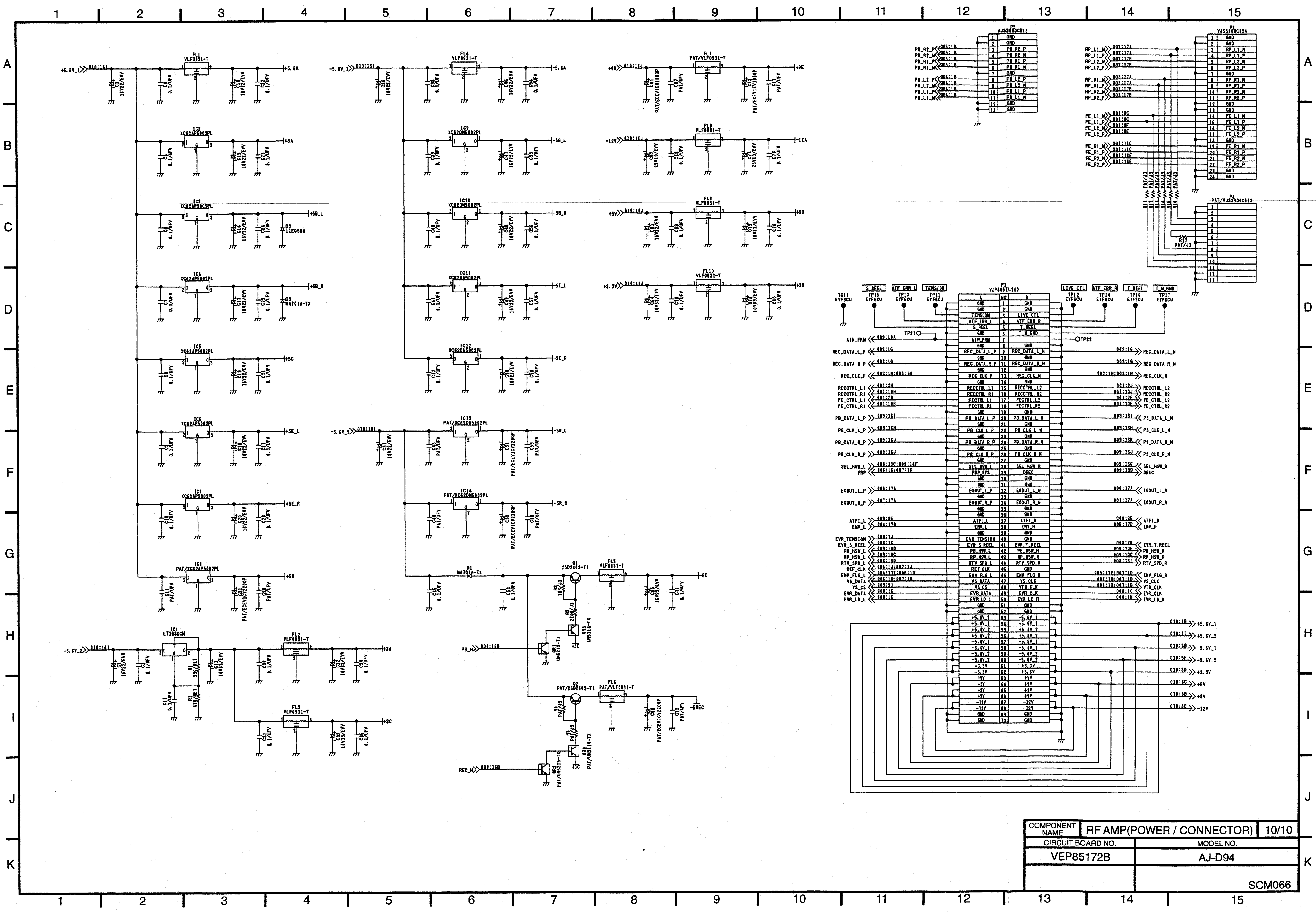
SCM064

V!DE-V26967 / DRUCK73


ATFGAIN_L
RF_L
RF_R
ATFGAIN_R
ATF_L
ATF_R
ATFI_L
ATFI_R
REC_L
REC_R
HEAD_SEL
TRAP_SEL
S6H_25L
PLAY_SEL
RPH_RPL
RP_ENABLE
PB_ENABLE
TRAP_HIGH_F
TRAP_LOW_F
50M_ON
25M_ON
CONF_PLAY_25
CONF_PLAY_50
NORM_PLAY
VTR_RESET
VS_CS
VS_CS_L
VS_CS_R
AIN_FRM
DREC
CONFI_ENABLE
REC_H
PB_H
PB_L
RP_HSW_L
RP_HSW_R
PB_HSW_L
PB_HSW_R
RP_HSW_L0
RP_HSW_L1
RP_HSW_L2
RP_HSW_R0
RP_HSW_R1
RP_HSW_R2
PB_HSW_L0
PB_HSW_L1
PB_HSW_L2
PB_HSW_R0
PB_HSW_R1
PB_HSW_R2
HSW_SEL
SEL_HSW_L
HSW_L
HSW_R
SEL_HSW_R
CLK_L
DATA_L
CLK_R
DATA_R
PB_CLK_L
PB_DATA_L
PB_CLK_R
PB_DATA_R
PB_CLK_L_P
PB_CLK_L_N
PB_DATA_L_P
PB_DATA_L_N
PB_CLK_R_P
PB_CLK_R_N
PB_DATA_R_P
PB_DATA_R_N

COMPONENT NAME	RF AMP(CONTROL etc.)	09/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	
	SCM065	

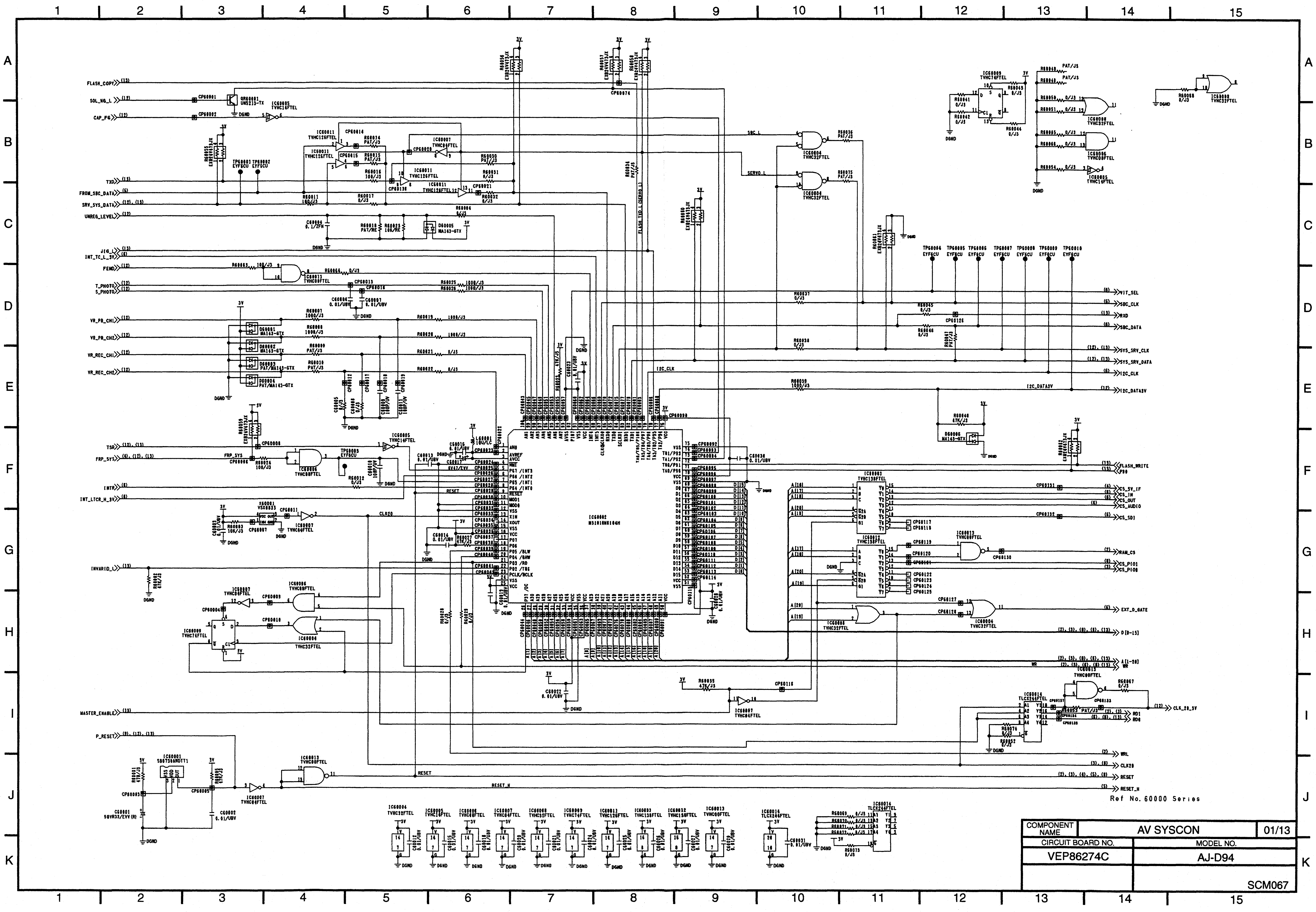
VIDE-V26967 / DRUCK74


FL1 VLF0931-T
FL4 VLF0931-T
FL7 PAT/VLF0931-T
FL8 VLF0931-T
FL9 VLF0931-T
FL10 VLF0931-T
IC2 XC62AP5002PL
IC3 XC62AP5002PL
IC4 XC62AP5002PL
IC5 XC62AP5002PL
IC6 XC62AP5002PL
IC7 XC62AP5002PL
IC8 PAT/XC62AP5002PL
IC9 XC62DN5002PL
IC10 XC62DN5002PL
IC11 XC62DN5002PL
IC12 XC62DN5002PL
IC13 PAT/XC62DN5002PL
IC14 PAT/XC62DN5002PL
IC1 LT1086CM
FL2 VLF0931-T
FL3 VLF0931-T
FL5 VLF0931-T
FL6 PAT/VLF0931-T
D1 MA701A-TX
Q1 2SD2402-T1
Q2 PAT/2SD2402-T1
+5.6V_1
-5.6V_1
-5.6V_2
+5.6V_2
+5.6A
-5.6A
+9E
-12A
+5A
+5B_L
+5B_R
+5C
+5E_L
+5E_R
+5R
-5B_L
-5B_R
-5E_L
-5E_R
-5R_L
-5R_R
+5D
+3D
+3A
+3C
-5D
-5REC
PB_H
REC_H
P2 VJS3800C013
P3 VJS3800C024
P4 PAT/VJS3800C013
P1 VJP6064L140
S_REEL
ATF_ERR_L
TENSION
LIVE_CTL
ATF_ERR_R
T_REEL
T_M_GND
TP21
TP22
AIN_FRM
REC_DATA_L_P
REC_DATA_R_P
REC_CLK_P
REC_DATA_L_N
REC_DATA_R_N
REC_CLK_N
PB_DATA_L_P
PB_CLK_L_P
PB_DATA_R_P
PB_CLK_R_P
PB_DATA_L_N
PB_CLK_L_N
PB_DATA_R_N
PB_CLK_R_N
SEL_HSW_L
SEL_HSW_R
FRP
DREC
EQOUT_L_P
EQOUT_R_P
EQOUT_L_N
EQOUT_R_N
ATF1_L
ENV_L
ATF1_R
ENV_R
EVR_TENSION
EVR_S_REEL
EVR_T_REEL
PB_HSW_L
PB_HSW_R
RP_HSW_L
RP_HSW_R
RTV_SPD_L
RTV_SPD_R
REF_CLK
ENV_FLG_L
ENV_FLG_R
VS_DATA
VS_CLK
VS_CS
VTB_CLK
EVR_DATA
EVR_CLK
EVR_LD_L
EVR_LD_R
+5.6V_1
+5.6V_2
-5.6V_1
-5.6V_2
+1.3V
+5V
+8V
-12V

COMPONENT NAME	RF AMP(POWER / CONNECTOR)	10/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP85172B	AJ-D94	

SCM066

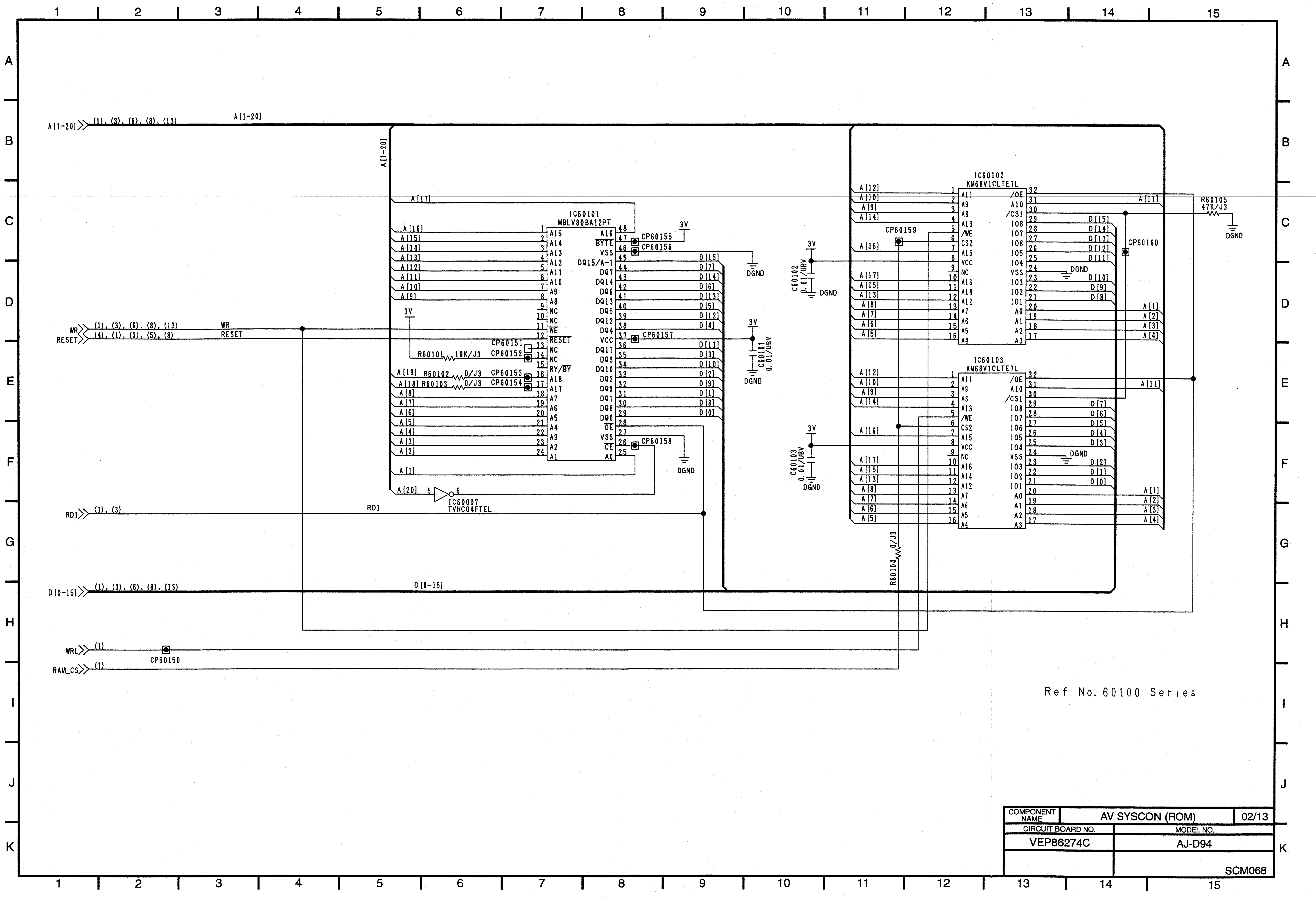
VIDE-V26967 / DRUCK75



FLASH_COPY
SOL_NG_L
CAP_FG
TXD
FROM_SBC_DATA
SRV_SYS_DATA
UNREG_LEVEL
JIG_L
INT_TC_L_3V
FEND
T_PHOTO
S_PHOTO
VR_PB_CH1
VR_PB_CH2
VR_REC_CH1
VR_REC_CH2
TSR
FRP_SYS
INTR
INT_LTCR_H_3V
INVARID_L
MASTER_ENABLE
P_RESET
IC60002
M31010M6104H
CLK20
RESET
RESET_H
SBC_L
SERVO_L
I2C_CLK
I2C_DATA3V
VIT_SEL
SBC_CLK
RXD
SBC_DATA
SYS_SRV_CLK
SYS_SRV_DATA
I2C_CLK
I2C_DATA3V
FLASH_WRITE
P90
CS_3V_IF
CS_IN
CS_OUT
CS_AUDIO
CS_SDI
RAM_CS
CS_PIO1
CS_PIO0
EXT_D_GATE
D[0-15]
A[1-20]
WR
CLK_20_3V
RD1
RD0
WRL
CLK20
RESET
RESET_H
DGND
3V
Ref No. 60000 Series

COMPONENT NAME	AV SYSCON	01/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	
	SCM067	

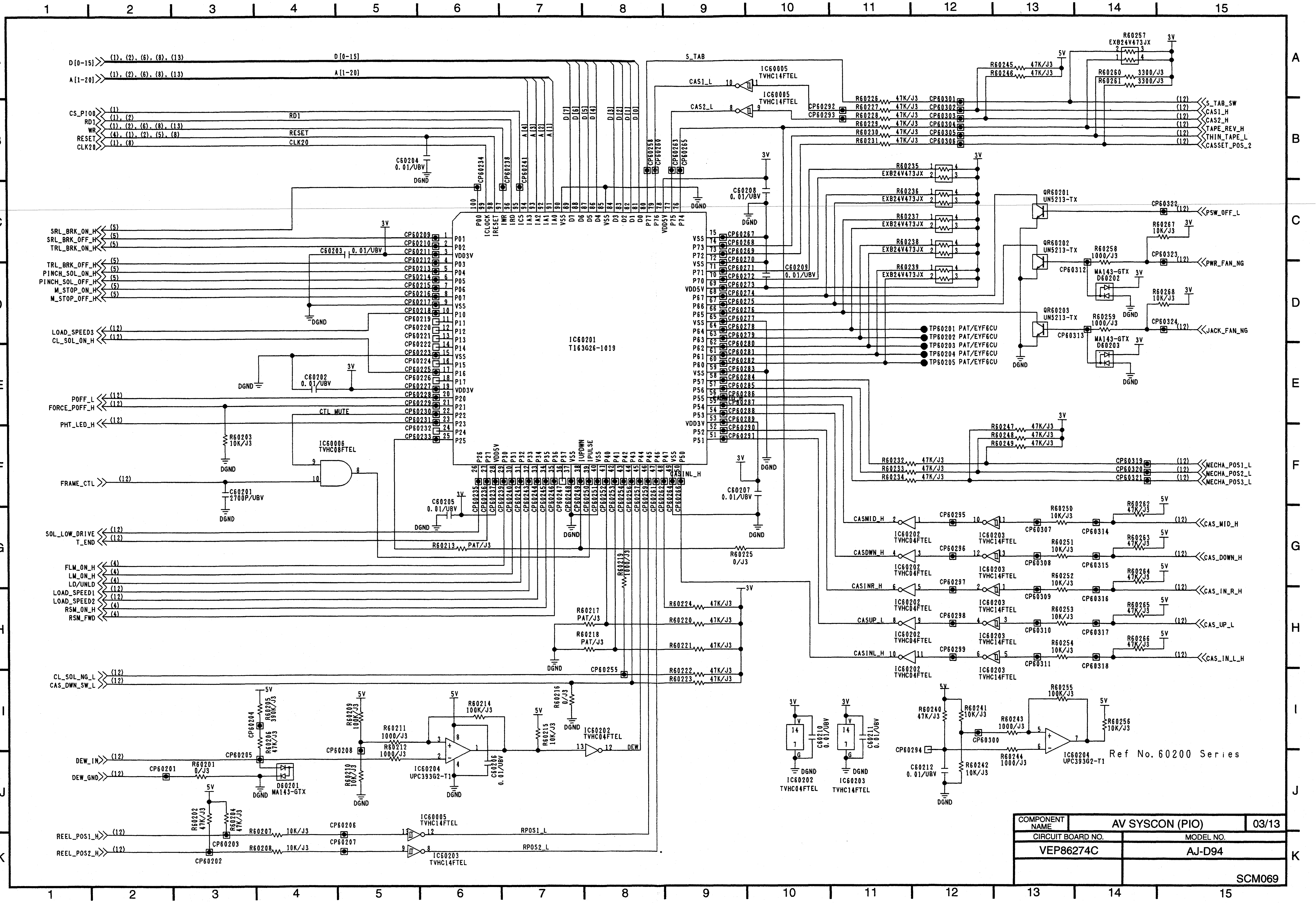
VIDE-V26967 / DRUCK76


A[1-20]
(1), (3), (6), (8), (13)
WR
RESET
(4), (1), (3), (5), (8)
RD1
(1), (3)
D[0-15]
WRL
(1)
RAM_CS
CP60150
IC60101
MBLV80BA12PT
CP60151
CP60152
CP60153
CP60154
CP60155
CP60156
CP60157
CP60158
R60101 10K/J3
R60102 0/J3
R60103 0/J3
IC60007
TVHC04FTEL
C60101 0.01/UBV
IC60102
KM68V1CLTE7L
IC60103
KM68V1CLTE7L
CP60159
CP60160
C60102 0.01/UBV
C60103 0.01/UBV
R60104 0/J3
R60105 47K/J3
3V
DGND

Ref No. 60100 Series

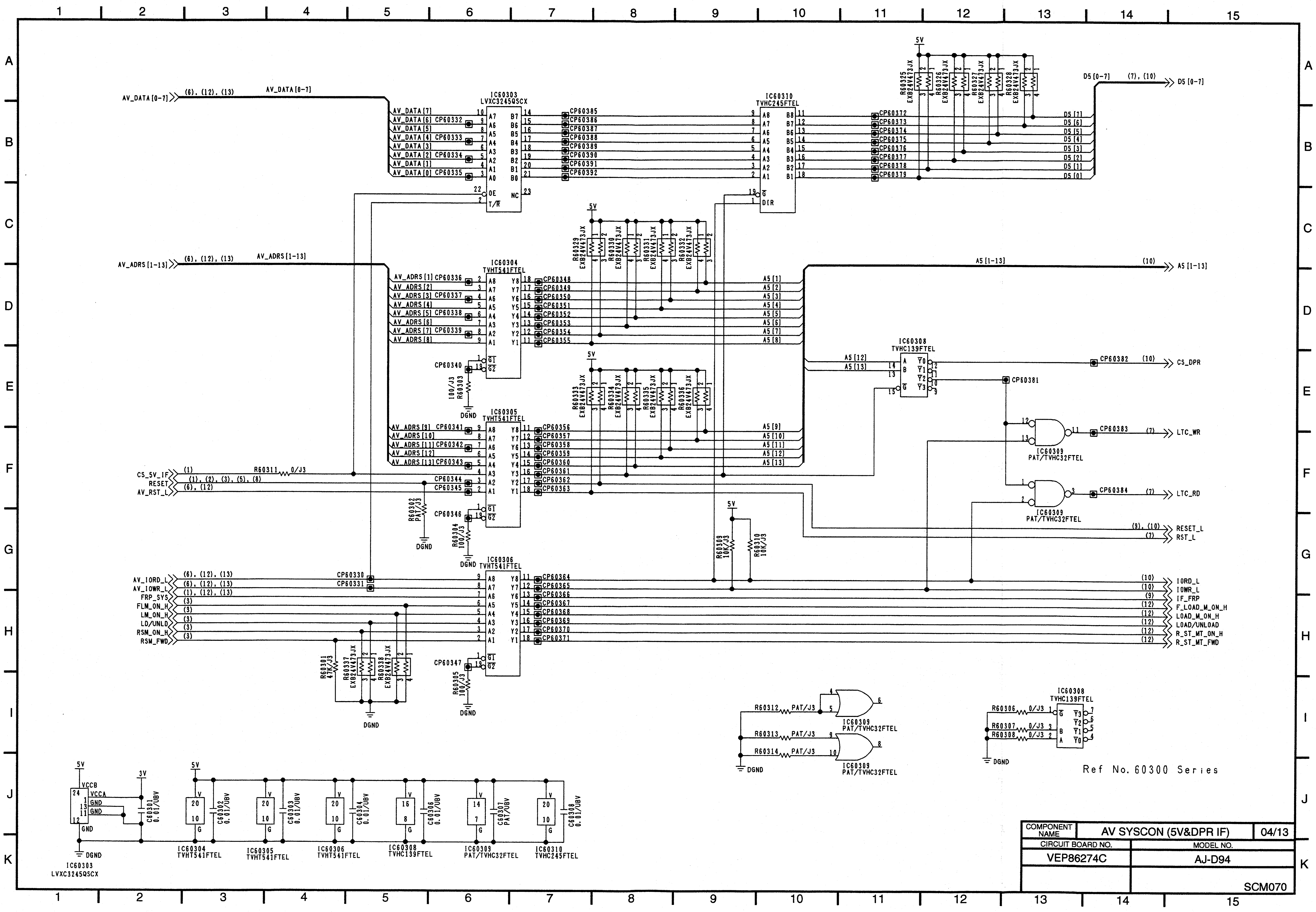
COMPONENT NAME	AV SYSCON (ROM)	02/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	
	SCM068	

VIDE-V26967 / DRUCK77


D[0-15]
A[1-20]
CS_PIO0
RD1
WR
RESET
CLK20
S_TAB
CAS1_L
CAS2_L
IC60005 TVHC14FTEL
R60257 EXB24V473JX
R60245 47K/J3
R60246 47K/J3
R60260 3300/J3
R60261 3300/J3
S_TAB_SW
CAS1_H
CAS2_H
TAPE_REV_H
THIN_TAPE_L
CASSET_POS_2
PSW_OFF_L
PWR_FAN_NG
JACK_FAN_NG
QR60201 UN5213-TX
QR60202 UN5213-TX
QR60203 UN5213-TX
MA143-GTX D60202
MA143-GTX D60203
SRL_BRK_ON_H
SRL_BRK_OFF_H
TRL_BRK_ON_H
TRL_BRK_OFF_H
PINCH_SOL_ON_H
PINCH_SOL_OFF_H
M_STOP_ON_H
M_STOP_OFF_H
LOAD_SPEED3
CL_SOL_ON_H
POFF_L
FORCE_POFF_H
PHT_LED_H
FRAME_CTL
CTL MUTE
IC60006 TVHC08FTEL
IC60201 T163G26-1019
TP60201 PAT/EYF6CU
TP60202 PAT/EYF6CU
TP60203 PAT/EYF6CU
TP60204 PAT/EYF6CU
TP60205 PAT/EYF6CU
MECHA_POS1_L
MECHA_POS2_L
MECHA_POS3_L
CASMID_H
CASDWN_H
CASINR_H
CASUP_L
CASINL_H
IC60202 TVHC04FTEL
IC60203 TVHC14FTEL
CAS_MID_H
CAS_DOWN_H
CAS_IN_R_H
CAS_UP_L
CAS_IN_L_H
SOL_LOW_DRIVE
T_END
FLM_ON_H
LM_ON_H
LD/UNLD
LOAD_SPEED1
LOAD_SPEED2
RSM_ON_H
RSM_FWD
CL_SOL_NG_L
CAS_DWN_SW_L
DEW_IN
DEW_GND
D60201 MA143-GTX
IC60204 UPC393G2-T1
DEW
REEL_POS1_H
REEL_POS2_H
RPOS1_L
RPOS2_L
Ref No. 60200 Series
DGND
3V
5V

COMPONENT NAME	AV SYSCON (PIO)	03/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

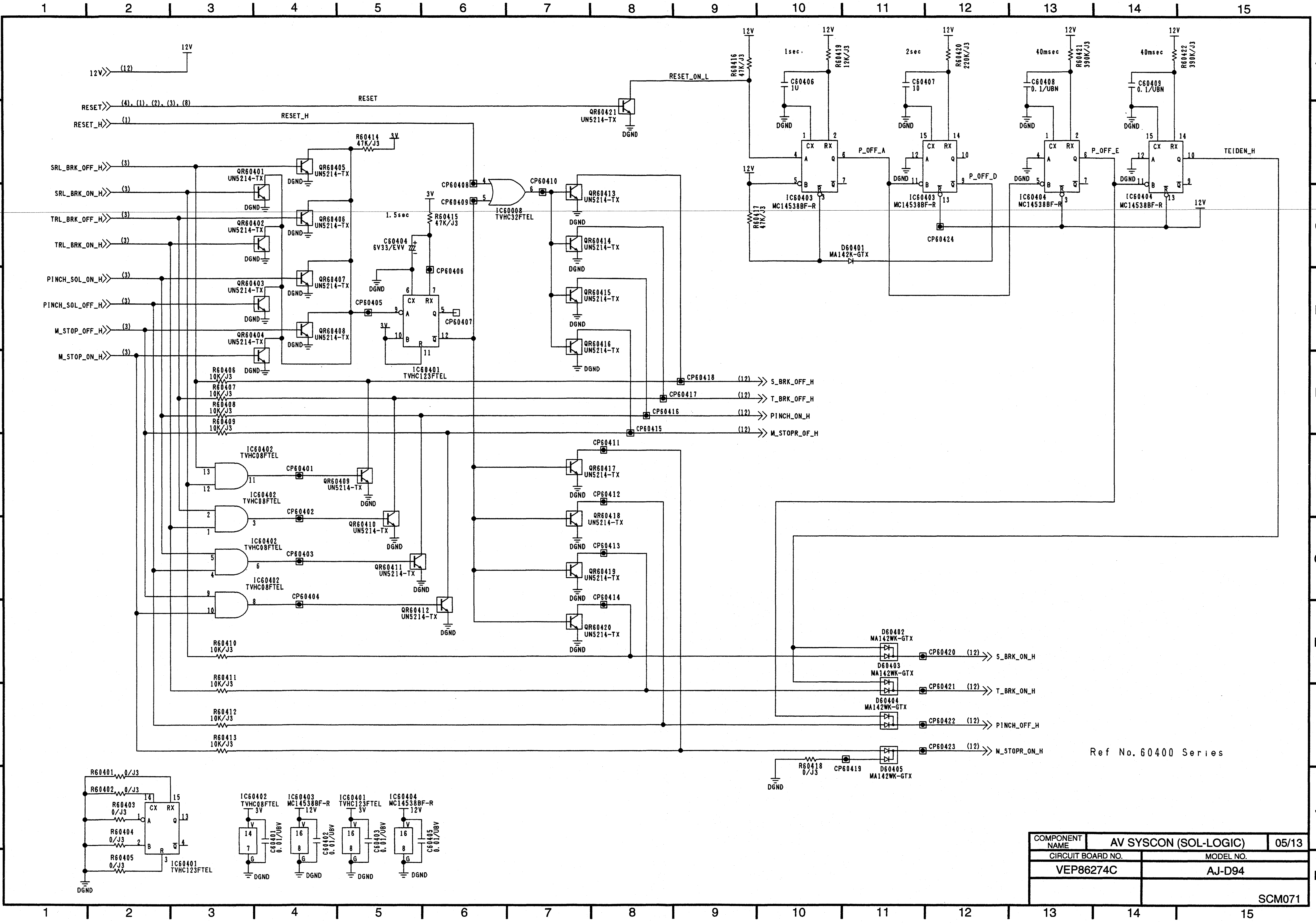
SCM069


AV_DATA[0-7]
(6), (12), (13)
IC60303
LVXC3245QSCX
IC60310
TVHC245FTEL
D5[0-7]
(7), (10)
5V
AV_ADRS[1-13]
IC60304
TVHT541FTEL
A5[1-13]
(10)
IC60308
TVHC139FTEL
CS_DPR
CP60381
IC60305
TVHT541FTEL
IC60309
PAT/TVHC32FTEL
LTC_WR
LTC_RD
CS_5V_IF
RESET
AV_RST_L
R60311
0/J3
RESET_L
RST_L
DGND
IC60306
TVHT541FTEL
AV_IORD_L
AV_IOWR_L
FRP_SYS
FLM_ON_H
LM_ON_H
LD/UNLD
RSM_ON_H
RSM_FWD
IORD_L
IOWR_L
IF_FRP
F_LOAD_M_ON_H
LOAD_M_ON_H
LOAD/UNLOAD
R_ST_MT_ON_H
R_ST_MT_FWD
R60309 10K/J3
R60310 10K/J3
R60312 PAT/J3
R60313 PAT/J3
R60314 PAT/J3
R60306 0/J3
R60307 0/J3
R60308 0/J3
3V
VCCB
VCCA
GND
C60301 0.01/UBV
C60302 0.01/UBV
C60303 0.01/UBV
C60304 0.01/UBV
C60306 0.01/UBV
C60307 PAT/UBV
C60308 0.01/UBV

Ref No. 60300 Series

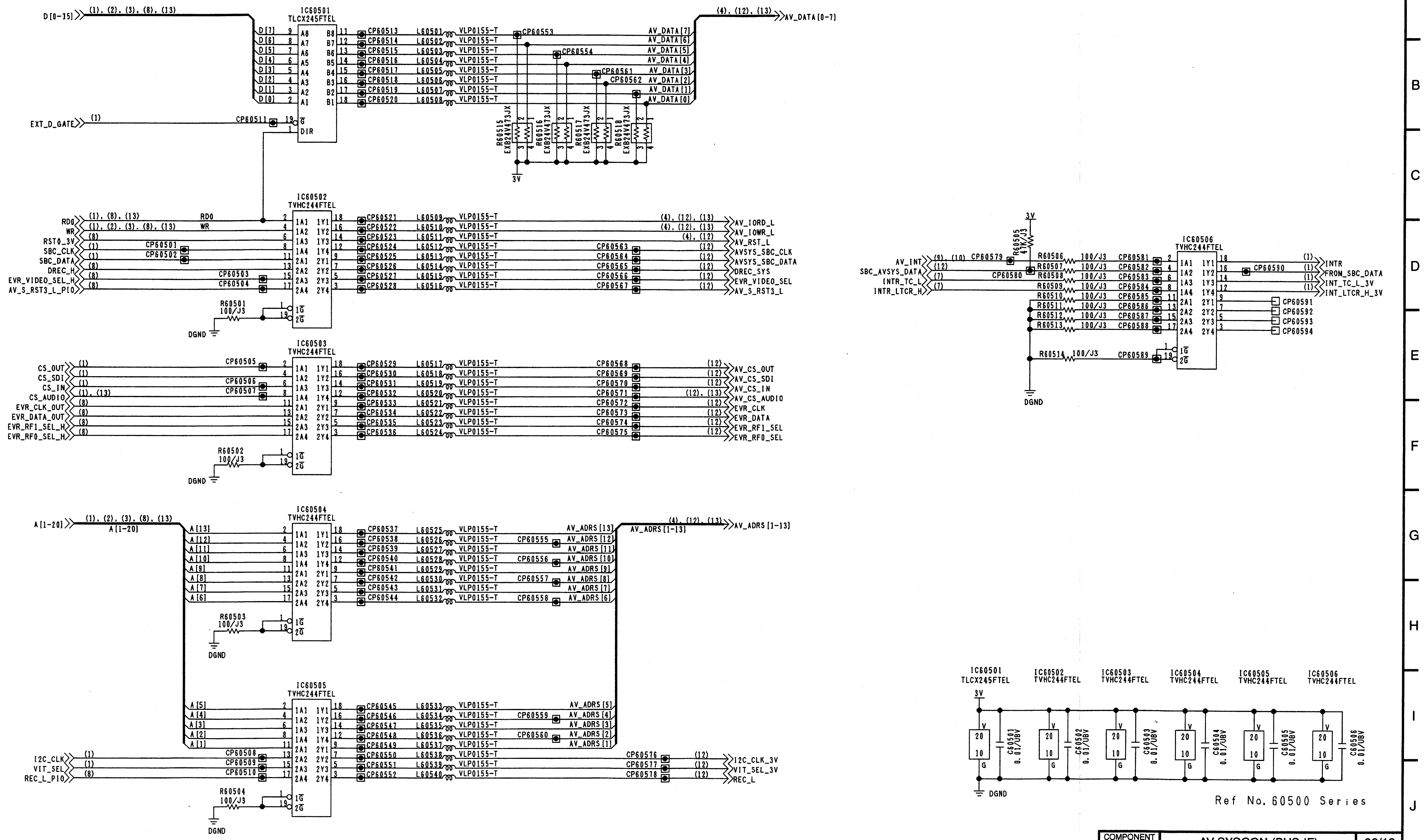
COMPONENT NAME	AV SYSCON (5V&DPR IF)	04/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

SCM070


12V
12V (12)
RESET (4), (1), (2), (3), (8)
RESET
RESET_H (1)
RESET_H
SRL_BRK_OFF_H (3)
SRL_BRK_ON_H (3)
TRL_BRK_OFF_H (3)
TRL_BRK_ON_H (3)
PINCH_SOL_ON_H (3)
PINCH_SOL_OFF_H (3)
M_STOP_OFF_H (3)
M_STOP_ON_H (3)
QR60401 UN5214-TX
QR60402 UN5214-TX
QR60403 UN5214-TX
QR60404 UN5214-TX
QR60405 UN5214-TX
QR60406 UN5214-TX
QR60407 UN5214-TX
QR60408 UN5214-TX
R60414 47K/J3
3V
DGND
CP60408
CP60409
IC60008 TVHC32FTEL
CP60410
1.5sec
R60415 47K/J3
C60404 6V33/EVV
CP60406
CP60405
CP60407
IC60401 TVHC123FTEL
QR60413 UN5214-TX
QR60414 UN5214-TX
QR60415 UN5214-TX
QR60416 UN5214-TX
R60406 10K/J3
R60407 10K/J3
R60408 10K/J3
R60409 10K/J3
CP60418
CP60417
CP60416
CP60415
(12) S_BRK_OFF_H
(12) T_BRK_OFF_H
(12) PINCH_ON_H
(12) M_STOPR_OF_H
IC60402 TVHC08FTEL
CP60401
CP60402
CP60403
CP60404
QR60409 UN5214-TX
QR60410 UN5214-TX
QR60411 UN5214-TX
QR60412 UN5214-TX
CP60411
CP60412
CP60413
CP60414
QR60417 UN5214-TX
QR60418 UN5214-TX
QR60419 UN5214-TX
QR60420 UN5214-TX
R60410 10K/J3
R60411 10K/J3
R60412 10K/J3
R60413 10K/J3
QR60421 UN5214-TX
RESET_ON_L
R60416 47K/J3
R60417 47K/J3
1sec.
2sec
40msec
40msec
R60419 12K/J3
R60420 220K/J3
R60421 390K/J3
R60422 390K/J3
C60406 1U
C60407 10
C60408 0.1/UBN
C60409 0.1/UBN
IC60403 MC14538BF-R
IC60404 MC14538BF-R
P_OFF_A
P_OFF_D
P_OFF_E
TEIDEN_H
CP60424
D60401 MA142K-GTX
D60402 MA142WK-GTX
D60403 MA142WK-GTX
D60404 MA142WK-GTX
D60405 MA142WK-GTX
CP60420 (12) S_BRK_ON_H
CP60421 (12) T_BRK_ON_H
CP60422 (12) PINCH_OFF_H
CP60423 (12) M_STOPR_ON_H
R60418 0/J3
CP60419
Ref No. 60400 Series
R60401 0/J3
R60402 0/J3
R60403 0/J3
R60404 0/J3
R60405 0/J3
IC60401 TVHC123FTEL
IC60402 TVHC08FTEL 3V
IC60403 MC14538BF-R 12V
IC60401 TVHC123FTEL 3V
IC60404 MC14538BF-R 12V
C60401 0.01/UBV
C60402 0.01/UBV
C60403 0.01/UBV
C60405 0.01/UBV
CX RX A B Q R

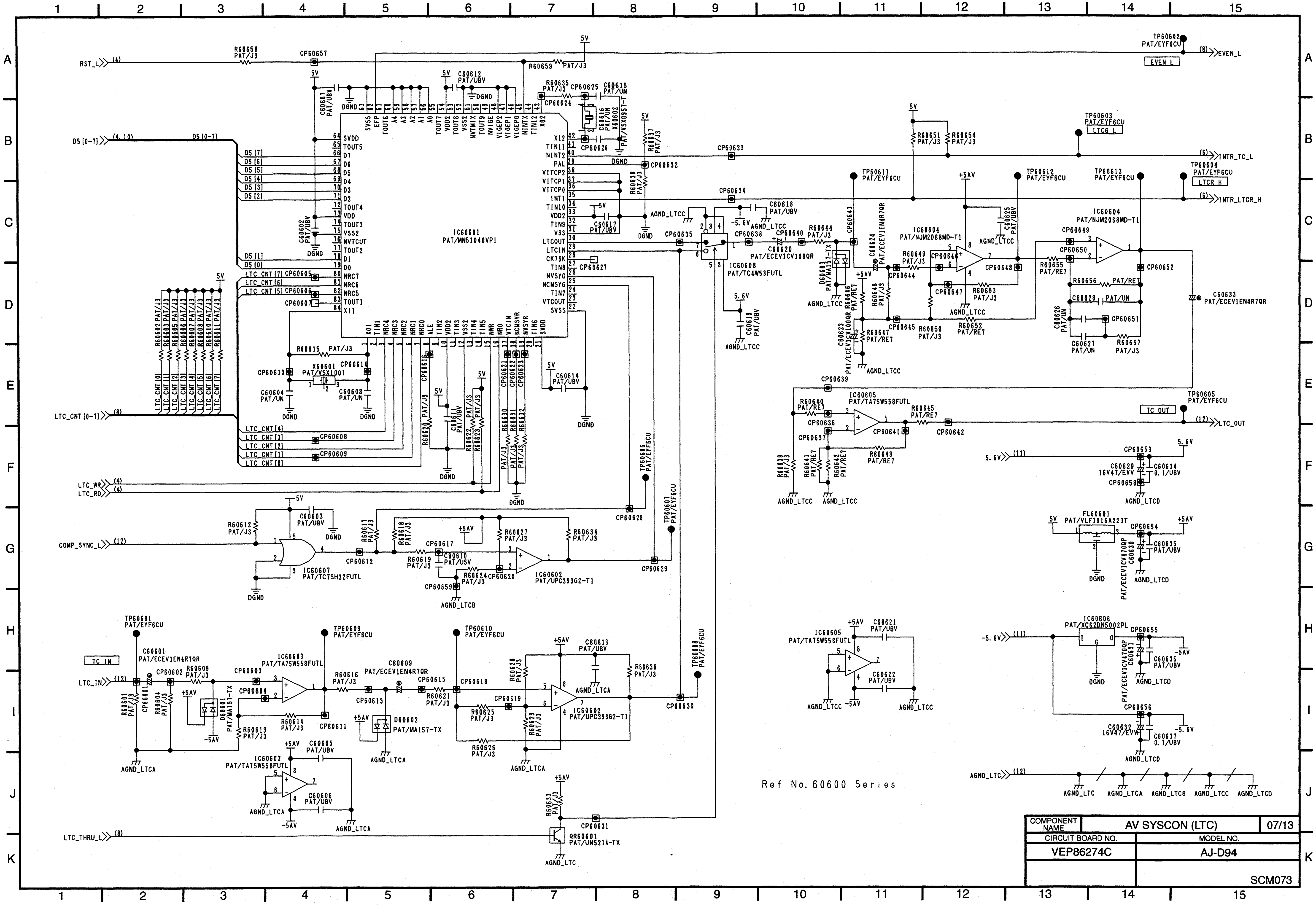
COMPONENT NAME	AV SYSCON (SOL-LOGIC)	05/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	
	SCM071	

VIDE-V26967 / DRUCK80


D[0-15]
(1), (2), (3), (8), (13)
IC60501
TLCX245FTEL
AV_DATA[0-7]
(4), (12), (13)
EXT_D_GATE
CP60511
DIR
VLP0155-T
R60515 EXB24V473JX
R60516 EXB24V473JX
R60517 EXB24V473JX
R60518 EXB24V473JX
3V
IC60502
TVHC244FTEL
RD0
WR
RST0_3V
SBC_CLK
SBC_DATA
DREC_H
EVR_VIDEO_SEL_H
AV_S_RST3_L_PIO
AV_IORD_L
AV_IOWR_L
AV_RST_L
AVSYS_SBC_CLK
AVSYS_SBC_DATA
DREC_SYS
EVR_VIDEO_SEL
AV_S_RST3_L
R60501 100/J3
DGND
IC60503
TVHC244FTEL
CS_OUT
CS_SDI
CS_IN
CS_AUDIO
EVR_CLK_OUT
EVR_DATA_OUT
EVR_RF1_SEL_H
EVR_RF0_SEL_H
AV_CS_OUT
AV_CS_SDI
AV_CS_IN
AV_CS_AUDIO
EVR_CLK
EVR_DATA
EVR_RF1_SEL
EVR_RF0_SEL
R60502 100/J3
IC60504
TVHC244FTEL
A[1-20]
AV_ADRS[1-13]
R60503 100/J3
IC60505
TVHC244FTEL
I2C_CLK
VIT_SEL
REC_L_PIO
I2C_CLK_3V
VIT_SEL_3V
REC_L
R60504 100/J3
IC60506
TVHC244FTEL
AV_INT
SBC_AVSYS_DATA
INTR_TC_L
INTR_LTCR_H
R60505 47K/J3
INTR
FROM_SBC_DATA
INT_TC_L_3V
INT_LTCR_H_3V
CP60591
CP60592
CP60593
CP60594
R60514 100/J3
IC60501 TLCX245FTEL
IC60502 TVHC244FTEL
IC60503 TVHC244FTEL
IC60504 TVHC244FTEL
IC60505 TVHC244FTEL
IC60506 TVHC244FTEL
C60501 0.01/UBV
C60502 0.01/UBV
C60503 0.01/UBV
C60504 0.01/UBV
C60505 0.01/UBV
C60506 0.01/UBV

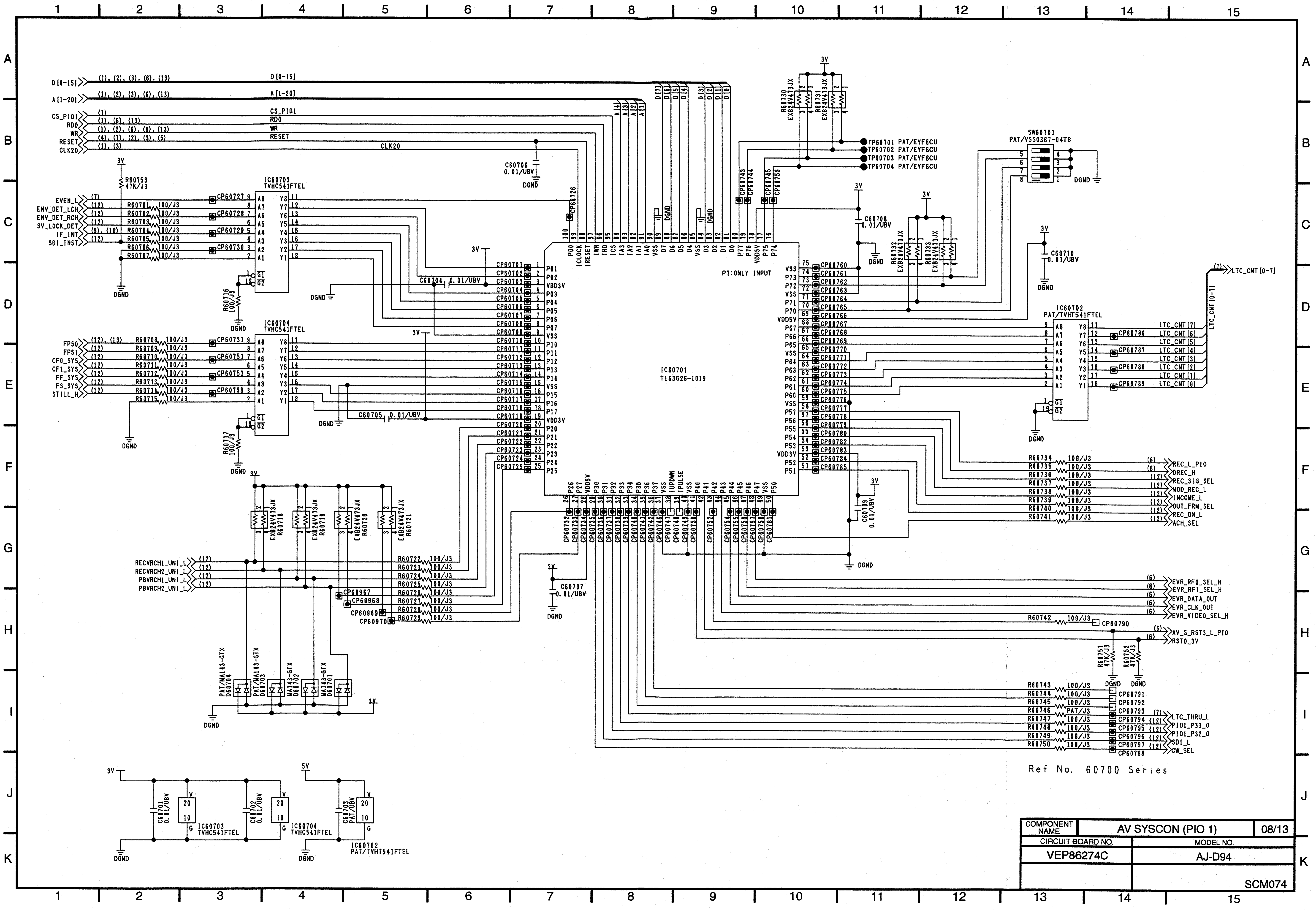
Ref No. 60500 Series

COMPONENT NAME	AV SYSCON (BUS-IF)	06/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	
	SCM072	


RST_L
(4)
R60658 PAT/J3
CP60657
5V
R60659 PAT/J3
TP60602 PAT/EYF6CU
(8) EVEN_L
EVEN_L
D5 [0-7]
(4, 10)
IC60601 PAT/MN5104OVPI
SVDD
TOUT5
D7
D6
D5
D4
D3
D2
TOUT4
VDD
TOUT3
VSS2
NVTCUT
TOUT2
D1
D0
NRC7
NRC6
NRC5
TOUT1
X11
X12
TIN11
NINT2
PAL
VITCP2
VITCP1
VITCP0
INT1
TIN10
VDD2
TIN9
VSS
LTCOUT
LTCIN
CK76K
TIN8
NVSYG
NCMSYG
TIN7
VTCOUT
SVSS
C60612 PAT/UBV
C60607 PAT/UBV
C60602 PAT/UBV
DGND
R60635 PAT/J3
CP60625
C60615 PAT/UN
CP60624
C60616 PAT/UN
X60602 PAT/VSX0957-T
CP60626
C60617 PAT/UBV
R60637 PAT/J3
R60638 PAT/J3
CP60632
CP60633
CP60634
C60618 PAT/UBV
AGND_LTCC
-5.6V
CP60635
CP60638
C60620 PAT/ECEV1CV100QR
CP60640
R60644 PAT/J3
CP60643
IC60608 PAT/TC4W53FUTL
CP60627
5.6V
C60619 PAT/UBV
AGND_LTCC
5V
R60651 PAT/J3
R60654 PAT/J3
TP60603 PAT/EYF6CU
LTCG_L
(6) INTR_TC_L
TP60611 PAT/EYF6CU
+5AV
TP60612 PAT/EYF6CU
TP60613 PAT/EYF6CU
TP60604 PAT/EYF6CU
LTCR_H
(6) INTR_LTCR_H
C60625 PAT/UBV
IC60604 PAT/NJM2068MD-T1
C60624 PAT/ECEV1EN4R7QR
R60649 PAT/J3
CP60646
CP60644
CP60648
CP60647
R60653 PAT/J3
CP60649
CP60650
R60655 PAT/RE7
CP60652
R60656 PAT/RE7
C60628 PAT/UN
C60626 PAT/UN
CP60651
C60627 PAT/UN
R60657 PAT/J3
C60633 PAT/ECEV1EN4R7QR
D60603 PAT/MA157-TX
R60646 PAT/J3
R60648 PAT/J3
CP60645
R60650 PAT/J3
R60652 PAT/RE7
C60623 PAT/ECEV1C100QR
R60647 PAT/RE7
AGND_LTCC
CP60639
R60640 PAT/RE7
IC60605 PAT/TA75W558FUTL
R60645 PAT/RE7
CP60636
CP60637
CP60641
CP60642
TC OUT
TP60605 PAT/EYF6CU
(12) LTC_OUT
R60639 PAT/J3
R60641 PAT/RE7
R60642 PAT/RE7
R60643 PAT/RE7
5.6V
(11)
CP60653
C60629 16V47/EVV
C60634 0.1/UBV
CP60658
AGND_LTCD
FL60601 PAT/VLF1016A223T
CP60654
C60630 PAT/ECEV1CV470QP
C60635 PAT/UBV
D5 [7]
D5 [6]
D5 [5]
D5 [4]
D5 [3]
D5 [2]
D5 [1]
D5 [0]
LTC_CNT [7]
LTC_CNT [6]
LTC_CNT [5]
CP60605
CP60606
CP60607
R60602 PAT/J3
R60603 PAT/J3
R60605 PAT/J3
R60606 PAT/J3
R60607 PAT/J3
R60608 PAT/J3
R60610 PAT/J3
R60611 PAT/J3
LTC_CNT [0-7]
LTC_CNT [4]
LTC_CNT [3]
LTC_CNT [2]
LTC_CNT [1]
LTC_CNT [0]
CP60608
CP60609
X01
TIN1
NRC4
NRC3
NRC2
NRC1
NRC0
ALE
TIN2
VDD3
VSS3
TIN4
TIN5
NWR
NRD
VTCIN
NCMSYR
NVSYR
TIN6
SVDD
R60615 PAT/J3
CP60610
CP60614
X60601 PAT/VSX1001
C60604 PAT/UN
C60608 PAT/UN
CP60616
R60620 PAT/J3
C60611 PAT/UBV
R60622 PAT/J3
R60623 PAT/J3
CP60621
CP60622
CP60623
R60630 PAT/J3
R60631 PAT/J3
R60632 PAT/J3
C60614 PAT/UBV
LTC_WR
LTC_RD
TP60606 PAT/EYF6CU
CP60628
TP60607 PAT/EYF6CU
COMP_SYNC_L
R60612 PAT/J3
C60603 PAT/UBV
IC60607 PAT/TC7SH32FUTL
CP60612
R60617 PAT/J3
R60618 PAT/J3
R60619 PAT/J3
CP60617
C60610 PAT/USV
R60624 PAT/J3
CP60620
CP60659
AGND_LTCB
R60627 PAT/J3
R60634 PAT/J3
IC60602 PAT/UPC393G2-T1
CP60629
TP60601 PAT/EYF6CU
C60601 PAT/ECEV1EN4R7QR
TC IN
LTC_IN
CP60601
CP60602
R60609 PAT/J3
D60601 PAT/MA157-TX
R60601 PAT/J3
R60604 PAT/J3
CP60603
CP60604
IC60603 PAT/TA75W558FUTL
R60613 PAT/J3
R60614 PAT/J3
CP60611
TP60609 PAT/EYF6CU
R60616 PAT/J3
C60609 PAT/ECEV1EN4R7QR
CP60613
CP60615
R60621 PAT/J3
D60602 PAT/MA157-TX
AGND_LTCA
TP60610 PAT/EYF6CU
CP60618
CP60619
R60625 PAT/J3
R60626 PAT/J3
R60628 PAT/J3
R60629 PAT/J3
C60613 PAT/UBV
R60636 PAT/J3
CP60630
TP60608 PAT/EYF6CU
C60605 PAT/UBV
C60606 PAT/UBV
-5AV
R60633 PAT/J3
CP60631
LTC_THRU_L
QR60601 PAT/UN5214-TX
AGND_LTC
C60621 PAT/UBV
C60622 PAT/UBV
IC60606 PAT/XC62DN5002PL
-5.6V
CP60655
C60631 PAT/ECEV1CV470QP
C60636 PAT/UBV
-5AV
CP60656
C60632 16V47/EVV
C60637 0.1/UBV
AGND_LTC
AGND_LTCA
AGND_LTCB
AGND_LTCC
AGND_LTCD
Ref No. 60600 Series

COMPONENT NAME	AV SYSCON (LTC)	07/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	
	SCM073	

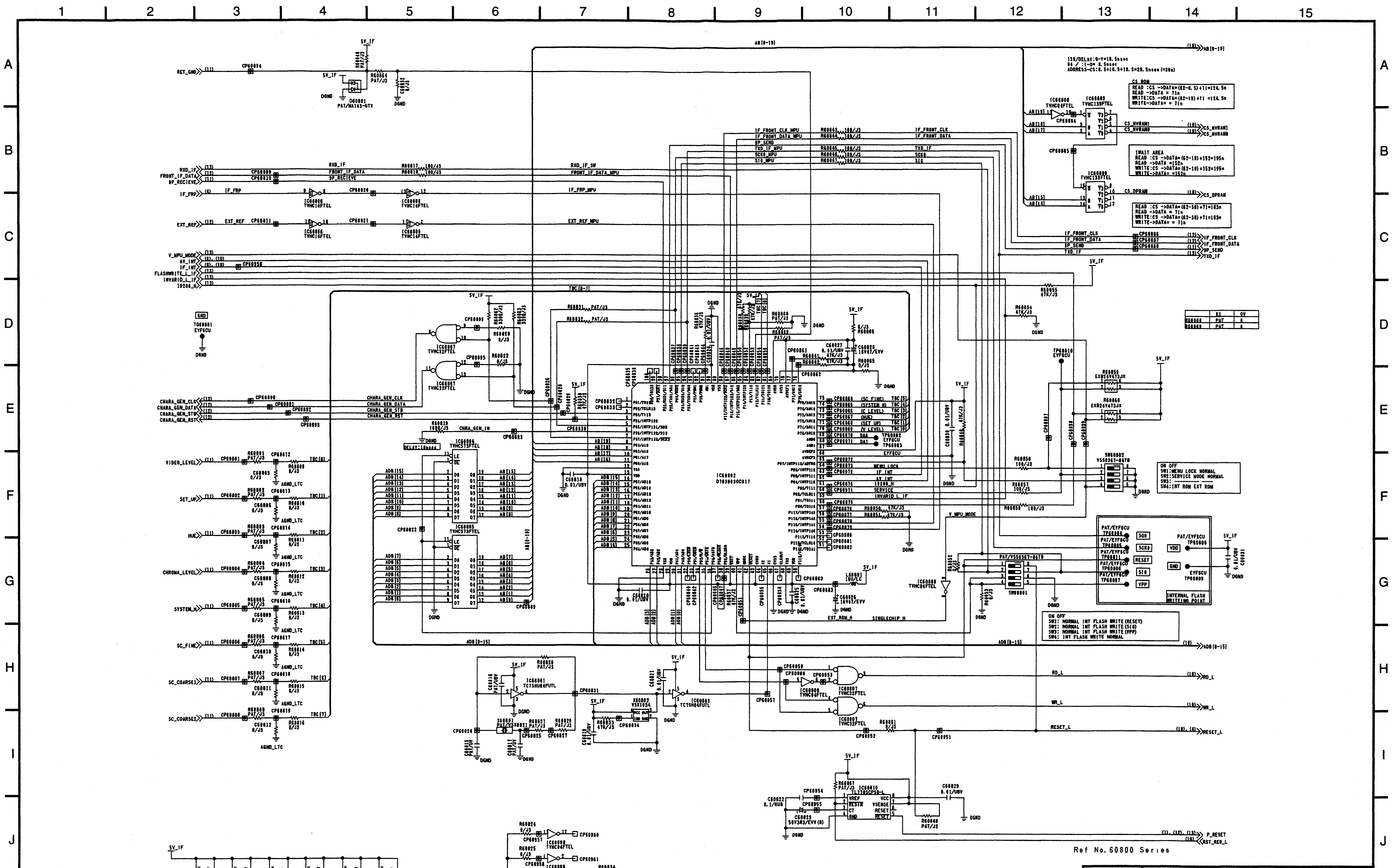
VIDE-V26967 / DRUCK82


D[0-15]
A[1-20]
CS_PIO1
RDO
WR
RESET
CLK20
EVEN_L
ENV_DET_LCH
ENV_DET_RCH
SV_LOCK_DET
IF_INT
SDI_INST
FPS0
FPS1
CF0_SYS
CF1_SYS
FF_SYS
FS_SYS
STILL_H
IC60703 TVHC541FTEL
IC60704 TVHC541FTEL
IC60701 T163G26-1019
IC60702 PAT/TVHT541FTEL
SW60701 PAT/VSS0367-04TB
TP60701 PAT/EYF6CU
TP60702 PAT/EYF6CU
TP60703 PAT/EYF6CU
TP60704 PAT/EYF6CU
PT:ONLY INPUT
LTC_CNT[0-7]
REC_L_PIO
DREC_H
REC_SIG_SEL
MOD_REC_L
INCOME_L
OUT_FRM_SEL
REC_ON_L
ACH_SEL
RECVRCH1_UNI_L
RECVRCH2_UNI_L
PBVRCH1_UNI_L
PBVRCH2_UNI_L
EVR_RF0_SEL_H
EVR_RF1_SEL_H
EVR_DATA_OUT
EVR_CLK_OUT
EVR_VIDEO_SEL_H
AV_S_RST3_L_PIO
RST0_3V
LTC_THRU_L
PIO1_P33_O
PIO1_P32_O
SDI_L
CW_SEL
DGND
3V
5V

Ref No. 60700 Series

COMPONENT NAME	AV SYSCON (PIO 1)	08/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

SCM074

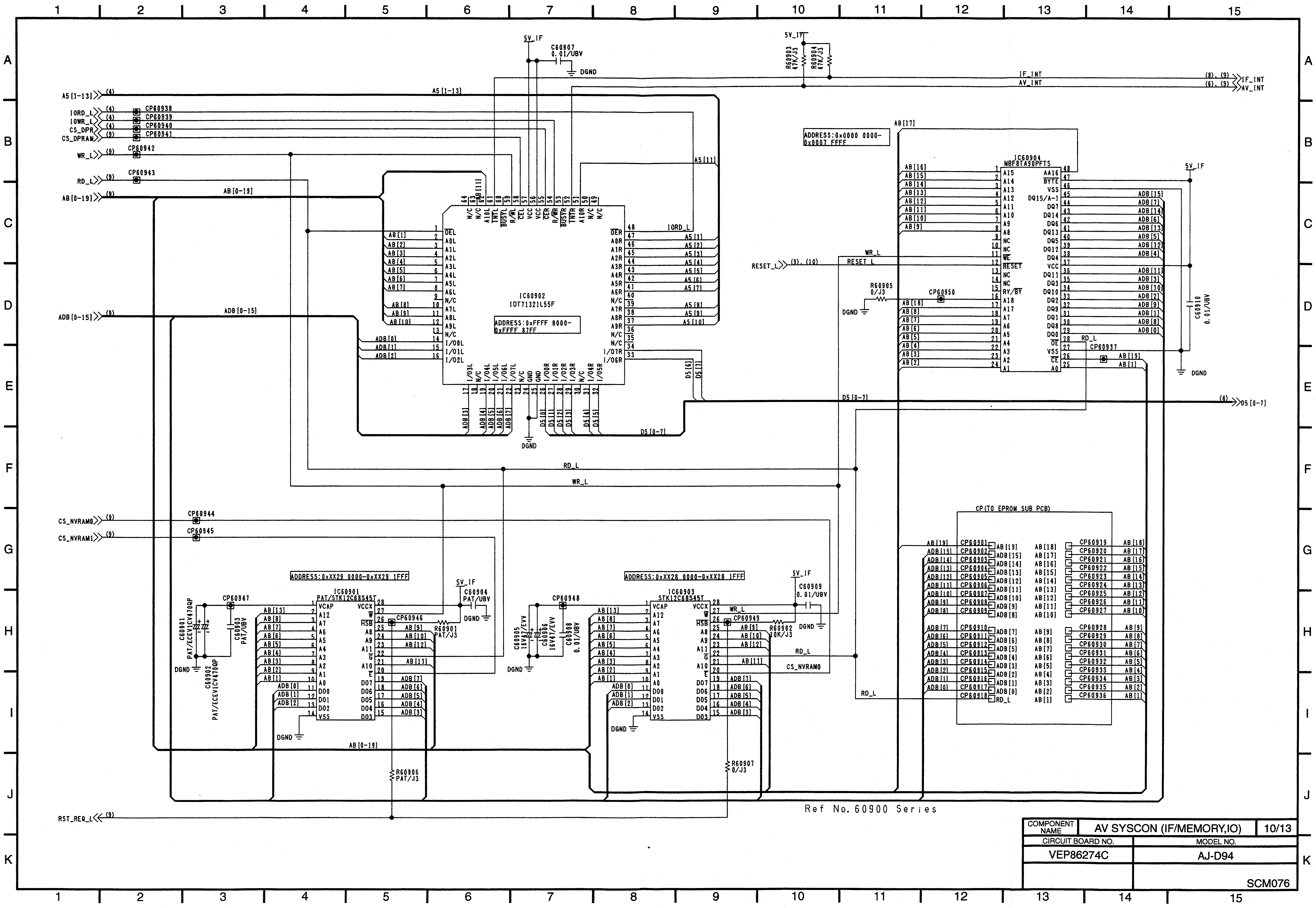


RET_GND
RXD_IF
FRONT_IF_DATA
9P_RECIEVE
IF_FRP
EXT_REF
V_MPU_MODE
AV_INT
IF_INT
FLASHWRITE_L_IF
INVARID_L_IF
19200_H
CHARA_GEN_CLK
CHARA_GEN_DATA
CHARA_GEN_STB
CHARA_GEN_RST
VIDEO_LEVEL
SET_UP
HUE
CHROMA_LEVEL
SYSTEM_H
SC_FINE
SC_COARSE1
SC_COARSE2
AB[0-19]
CS_NVRAM1
CS_NVRAM0
CS_DPRAM
IF_FRONT_CLK
IF_FRONT_DATA
9P_SEND
TXD_IF
ADB[0-15]
RD_L
WR_L
RESET_L
P_RESET
RST_REQ_L
5V_IF
DGND
AGND_LTC

Ref No. 60800 Series

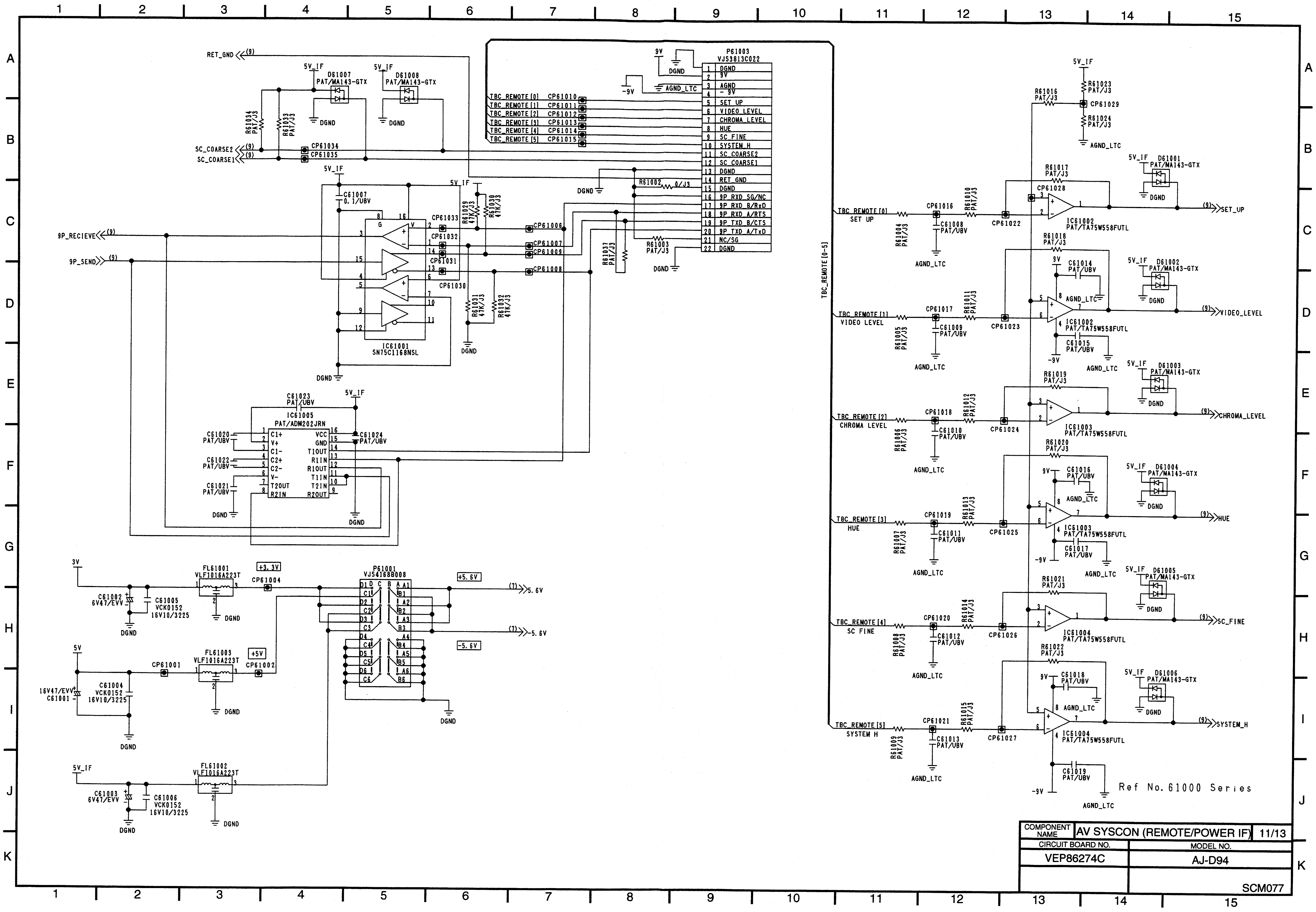
COMPONENT NAME	AV SYSCON (IF MICOM)	09/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	
	SCM075	

VIDE-V26967 / DRUCK84


5V_IF
C60907
0.01/UBV
DGND
R60903
47K/J3
R60904
47K/J3
IF_INT
AV_INT
(8), (9)
(6), (9)
A5[1-13]
IORD_L
IOWR_L
CS_DPR
CS_DPRAM
CP60938
CP60939
CP60940
CP60941
WR_L
CP60942
RD_L
CP60943
AB[0-19]
ADB[0-15]
AB[17]
ADDRESS:0x0000 0000-0x0007 FFFF
IC60904
MBF8TA90PFTS
IC60902
IDT71321L55F
ADDRESS:0xFFFF 8000-0xFFFF 87FF
RESET_L
(9), (10)
R60905
0/J3
CP60950
CP60937
C60910
0.01/UBV
D5[0-7]
(4)
GND
CS_NVRAM0
CS_NVRAM1
CP60944
CP60945
ADDRESS:0xXX29 0000-0xXX29 1FFF
ADDRESS:0xXX28 0000-0xXX28 1FFF
IC60901
PAT/STK12C68S45T
IC60903
STK12C68S45T
C60904
PAT/UBV
C60909
0.01/UBV
CP60946
CP60947
CP60948
CP60949
R60901
PAT/J3
R60902
10K/J3
C60901
PAT/ECEV1CV470QP
C60902
PAT/ECEV1CV470QP
C60903
PAT/UBV
C60905
16V47/EVV
C60906
16V47/EVV
C60908
0.01/UBV
R60906
PAT/J3
R60907
0/J3
CP(TO EPROM SUB PCB)
CP60901
CP60902
CP60903
CP60904
CP60905
CP60906
CP60907
CP60908
CP60909
CP60910
CP60911
CP60912
CP60913
CP60914
CP60915
CP60916
CP60917
CP60918
CP60919
CP60920
CP60921
CP60922
CP60923
CP60924
CP60925
CP60926
CP60927
CP60928
CP60929
CP60930
CP60931
CP60932
CP60933
CP60934
CP60935
CP60936
RST_REQ_L
Ref No. 60900 Series

COMPONENT NAME	AV SYSCON (IF/MEMORY,IO)	10/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

SCM076

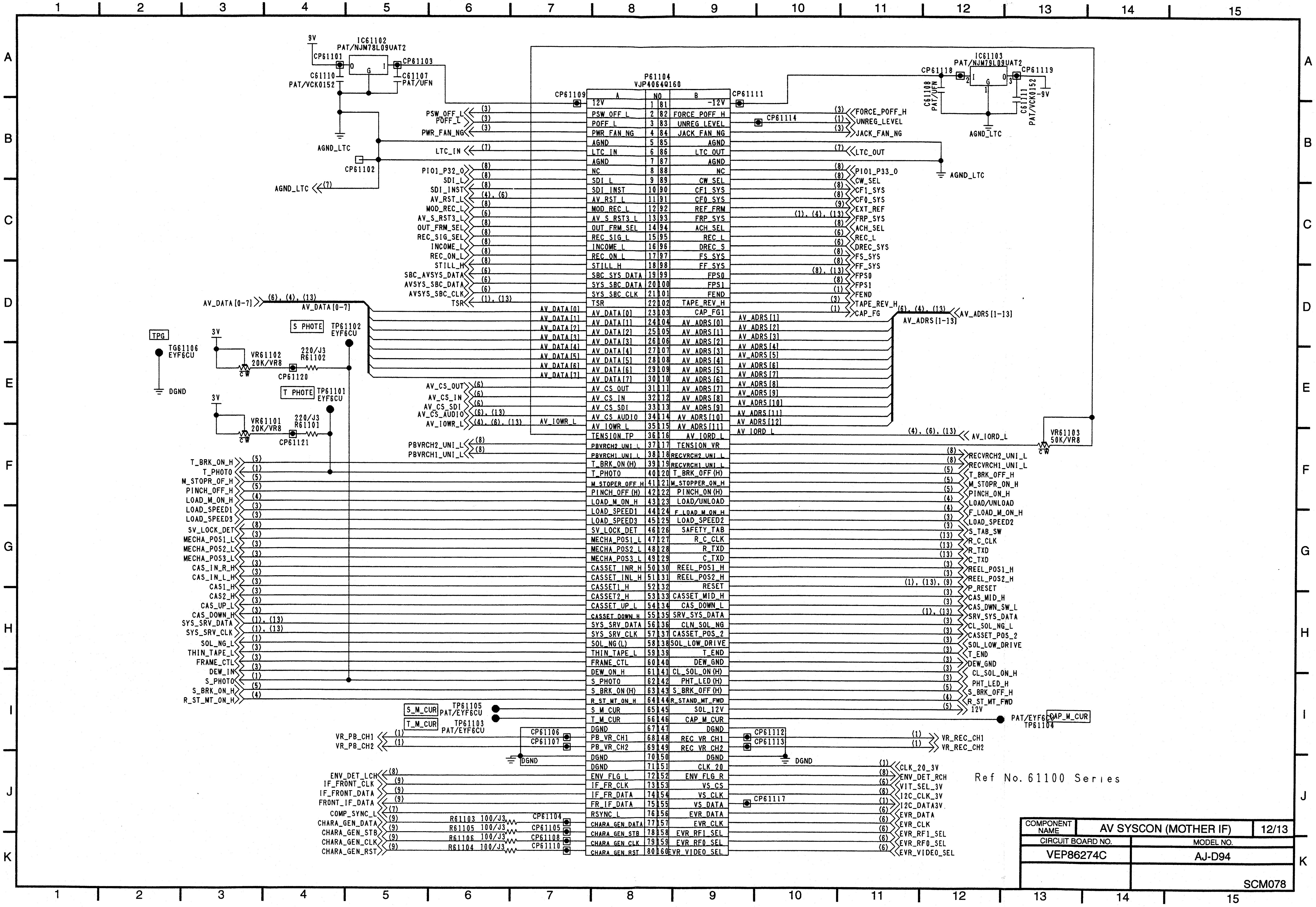


RET_GND
SC_COARSE2
SC_COARSE1
9P_RECIEVE
9P_SEND
5V_IF
D61007 PAT/MA143-GTX
D61008 PAT/MA143-GTX
R61034 PAT/J3
R61033 PAT/J3
CP61034
CP61035
C61007 0.1/UBV
IC61001 SN75C1168NSL
CP61033
CP61032
CP61031
CP61030
R61029 47K/J3
R61030 47K/J3
R61031 47K/J3
R61032 47K/J3
CP61006
CP61007
CP61009
CP61008
TBC_REMOTE[0] CP61010
TBC_REMOTE[1] CP61011
TBC_REMOTE[2] CP61012
TBC_REMOTE[3] CP61013
TBC_REMOTE[4] CP61014
TBC_REMOTE[5] CP61015
P61003 VJS3813C022
1 DGND
2 9V
3 AGND
4 -9V
5 SET UP
6 VIDEO LEVEL
7 CHROMA LEVEL
8 HUE
9 SC FINE
10 SYSTEM H
11 SC COARSE2
12 SC COARSE1
13 DGND
14 RET GND
15 DGND
16 9P RXD SG/NC
17 9P RXD B/RxD
18 9P RXD A/RTS
19 9P TXD B/CTS
20 9P TXD A/TxD
21 NC/SG
22 DGND
R61002 0/J3
R61003 PAT/J3
R61037 PAT/J3
AGND_LTC
DGND
C61023 PAT/UBV
IC61005 PAT/ADM202JRN
C1+ V+ C1- C2+ C2- V- T2OUT R2IN
VCC GND T1OUT R1IN R1OUT T1IN T2IN R2OUT
C61020 PAT/UBV
C61022 PAT/UBV
C61021 PAT/UBV
C61024 PAT/UBV
3V
C61002 6V47/EVV
C61005 VCK0152 16V10/3225
FL61001 VLF1016A223T
+3.3V
CP61004
P61001 VJS4168B008
+5.6V
5.6V
-5.6V
5V
16V47/EVV C61001
C61004 VCK0152 16V10/3225
CP61001
FL61003 VLF1016A223T
+5V
CP61002
C61003 6V47/EVV
C61006 VCK0152 16V10/3225
FL61002 VLF1016A223T
TBC_REMOTE[0-5]
R61023 PAT/J3
R61016 PAT/J3
CP61029
R61024 PAT/J3
R61017 PAT/J3
CP61028
D61001 PAT/MA143-GTX
TBC_REMOTE[0] SET UP
R61004 PAT/J3
CP61016
C61008 PAT/UBV
R61010 PAT/J3
CP61022
IC61002 PAT/TA75W558FUTL
SET_UP
R61018 PAT/J3
C61014 PAT/UBV
D61002 PAT/MA143-GTX
TBC_REMOTE[1] VIDEO LEVEL
R61005 PAT/J3
CP61017
C61009 PAT/UBV
R61011 PAT/J3
CP61023
C61015 PAT/UBV
VIDEO_LEVEL
R61019 PAT/J3
D61003 PAT/MA143-GTX
TBC_REMOTE[2] CHROMA LEVEL
R61006 PAT/J3
CP61018
C61010 PAT/UBV
R61012 PAT/J3
CP61024
IC61003 PAT/TA75W558FUTL
CHROMA_LEVEL
R61020 PAT/J3
C61016 PAT/UBV
D61004 PAT/MA143-GTX
TBC_REMOTE[3] HUE
R61007 PAT/J3
CP61019
C61011 PAT/UBV
R61013 PAT/J3
CP61025
C61017 PAT/UBV
HUE
R61021 PAT/J3
D61005 PAT/MA143-GTX
TBC_REMOTE[4] SC FINE
R61008 PAT/J3
CP61020
C61012 PAT/UBV
R61014 PAT/J3
CP61026
IC61004 PAT/TA75W558FUTL
SC_FINE
R61022 PAT/J3
C61018 PAT/UBV
D61006 PAT/MA143-GTX
TBC_REMOTE[5] SYSTEM H
R61009 PAT/J3
CP61021
C61013 PAT/UBV
R61015 PAT/J3
CP61027
C61019 PAT/UBV
SYSTEM_H
9V
-9V
Ref No. 61000 Series

COMPONENT NAME	AV SYSCON (REMOTE/POWER IF)	11/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

SCM077

VIDE-V26967 / DRUCK86

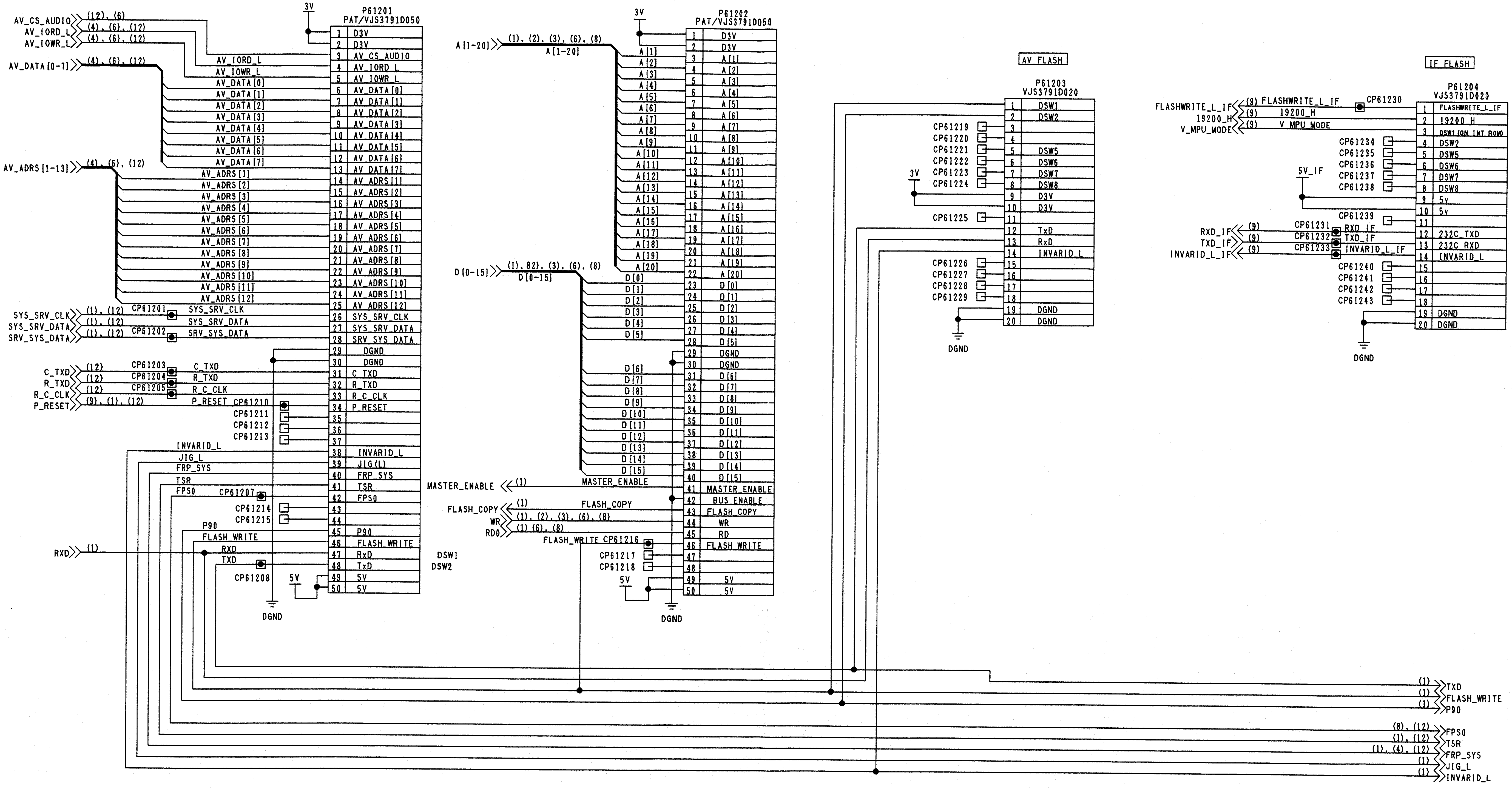

IC61102 PAT/NJM78L09UAT2
9V
CP61101
CP61103
C61110 PAT/VCK0152
C61107 PAT/UFN
AGND_LTC
CP61102
IC61103 PAT/NJM79L09UAT2
CP61118
CP61119
C61108 PAT/UFN
C61111 PAT/VCK0152
-9V
P61104 VJP4064Q160
CP61109
CP61111
CP61114
A | NO | B
12V 1 81 -12V
PSW_OFF_L 2 82 FORCE_POFF_H
POFF_L 3 83 UNREG_LEVEL
PWR_FAN_NG 4 84 JACK_FAN_NG
AGND 5 85 AGND
LTC_IN 6 86 LTC_OUT
AGND 7 87 AGND
NC 8 88 NC
SDI_L 9 89 CW_SEL
SDI_INST 10 90 CF1_SYS
AV_RST_L 11 91 CF0_SYS
MOD_REC_L 12 92 REF_FRM
AV_S_RST3_L 13 93 FRP_SYS
OUT_FRM_SEL 14 94 ACH_SEL
REC_SIG_L 15 95 REC_L
INCOME_L 16 96 DREC_S
REC_ON_L 17 97 FS_SYS
STILL_H 18 98 FF_SYS
SBC_SYS_DATA 19 99 FPS0
SYS_SBC_DATA 20 100 FPS1
SYS_SBC_CLK 21 101 FEND
TSR 22 102 TAPE_REV_H
AV_DATA[0] 23 103 CAP_FG1
AV_DATA[1] 24 104 AV_ADRS[0]
AV_DATA[2] 25 105 AV_ADRS[1]
AV_DATA[3] 26 106 AV_ADRS[2]
AV_DATA[4] 27 107 AV_ADRS[3]
AV_DATA[5] 28 108 AV_ADRS[4]
AV_DATA[6] 29 109 AV_ADRS[5]
AV_DATA[7] 30 110 AV_ADRS[6]
AV_CS_OUT 31 111 AV_ADRS[7]
AV_CS_IN 32 112 AV_ADRS[8]
AV_CS_SDI 33 113 AV_ADRS[9]
AV_CS_AUDIO 34 114 AV_ADRS[10]
AV_IOWR_L 35 115 AV_ADRS[11]
TENSION_TP 36 116 AV_IORD_L
PBVRCH2_UNI_L 37 117 TENSION_VR
PBVRCH1_UNI_L 38 118 RECVRCH2_UNI_L
T_BRK_ON(H) 39 119 RECVRCH1_UNI_L
T_PHOTO 40 120 T_BRK_OFF(H)
M_STOPER_OFF_H 41 121 M_STOPPER_ON_H
PINCH_OFF(H) 42 122 PINCH_ON(H)
LOAD_M_ON_H 43 123 LOAD/UNLOAD
LOAD_SPEED1 44 124 F_LOAD_M_ON_H
LOAD_SPEED3 45 125 LOAD_SPEED2
SV_LOCK_DET 46 126 SAFETY_TAB
MECHA_POS1_L 47 127 R_C_CLK
MECHA_POS2_L 48 128 R_TXD
MECHA_POS3_L 49 129 C_TXD
CASSET_INR_H 50 130 REEL_POS1_H
CASSET_INL_H 51 131 REEL_POS2_H
CASSET1_H 52 132 RESET
CASSET2_H 53 133 CASSET_MID_H
CASSET_UP_L 54 134 CAS_DOWN_L
CASSET_DOWN_H 55 135 SRV_SYS_DATA
SYS_SRV_DATA 56 136 CLN_SOL_NG
SYS_SRV_CLK 57 137 CASSET_POS_2
SOL_NG(L) 58 138 SOL_LOW_DRIVE
THIN_TAPE_L 59 139 T_END
FRAME_CTL 60 140 DEW_GND
DEW_ON_H 61 141 CL_SOL_ON(H)
S_PHOTO 62 142 PHT_LED(H)
S_BRK_ON(H) 63 143 S_BRK_OFF(H)
R_ST_MT_ON_H 64 144 R_STAND_MT_FWD
S_M_CUR 65 145 SOL_12V
T_M_CUR 66 146 CAP_M_CUR
DGND 67 147 DGND
PB_VR_CH1 68 148 REC_VR_CH1
PB_VR_CH2 69 149 REC_VR_CH2
DGND 70 150 DGND
DGND 71 151 CLK_20
ENV_FLG_L 72 152 ENV_FLG_R
IF_FR_CLK 73 153 VS_CS
IF_FR_DATA 74 154 VS_CLK
FR_IF_DATA 75 155 VS_DATA
RSYNC_L 76 156 EVR_DATA
CHARA_GEN_DATA 77 157 EVR_CLK
CHARA_GEN_STB 78 158 EVR_RF1_SEL
CHARA_GEN_CLK 79 159 EVR_RF0_SEL
CHARA_GEN_RST 80 160 EVR_VIDEO_SEL
PSW_OFF_L (3)
POFF_L (3)
PWR_FAN_NG (3)
LTC_IN (7)
AGND_LTC (7)
PIO1_P32_0 (8)
SDI_L (8)
SDI_INST (4), (6)
AV_RST_L (8)
MOD_REC_L (6)
AV_S_RST3_L (8)
OUT_FRM_SEL (8)
REC_SIG_SEL (8)
INCOME_L (8)
REC_ON_L (8)
STILL_H (8)
SBC_AVSYS_DATA (6)
AVSYS_SBC_DATA (6)
AVSYS_SBC_CLK (6)
TSR (1), (13)
AV_DATA[0-7] (6), (4), (13)
TPG
TG61106 EYF6CU
DGND
3V
VR61102 20K/VR8
220/J3 R61102
CP61120
S PHOTE
TP61102 EYF6CU
T PHOTE
TP61101 EYF6CU
VR61101 20K/VR8
220/J3 R61101
CP61121
CW
AV_CS_OUT (6)
AV_CS_IN (6)
AV_CS_SDI (6)
AV_CS_AUDIO (6), (13)
AV_IOWR_L (4), (6), (13)
PBVRCH2_UNI_L (8)
PBVRCH1_UNI_L (8)
T_BRK_ON_H (5)
T_PHOTO (1)
M_STOPR_OF_H (5)
PINCH_OFF_H (5)
LOAD_M_ON_H (4)
LOAD_SPEED1 (3)
LOAD_SPEED3 (3)
SV_LOCK_DET (8)
MECHA_POS1_L (3)
MECHA_POS2_L (3)
MECHA_POS3_L (3)
CAS_IN_R_H (3)
CAS_IN_L_H (3)
CAS1_H (3)
CAS2_H (3)
CAS_UP_L (3)
CAS_DOWN_H (1), (13)
SYS_SRV_DATA (1), (13)
SYS_SRV_CLK (1)
SOL_NG_L (3)
THIN_TAPE_L (3)
FRAME_CTL (3)
DEW_IN (1)
S_PHOTO (5)
S_BRK_ON_H (5)
R_ST_MT_ON_H (4)
S_M_CUR TP61105 PAT/EYF6CU
T_M_CUR TP61103 PAT/EYF6CU
VR_PB_CH1 (1)
VR_PB_CH2 (1)
CP61106
CP61107
DGND
ENV_DET_LCH (8)
IF_FRONT_CLK (9)
IF_FRONT_DATA (9)
FRONT_IF_DATA (9)
COMP_SYNC_L (7)
CHARA_GEN_DATA (9)
CHARA_GEN_STB (9)
CHARA_GEN_CLK (9)
CHARA_GEN_RST (9)
R61103 100/J3 CP61104
R61105 100/J3 CP61105
R61106 100/J3 CP61108
R61104 100/J3 CP61110
FORCE_POFF_H (3)
UNREG_LEVEL (1)
JACK_FAN_NG (3)
LTC_OUT (7)
AGND_LTC
PIO1_P33_0 (8)
CW_SEL (8)
CF1_SYS (8)
CF0_SYS (8)
EXT_REF (9)
FRP_SYS (1), (4), (13)
ACH_SEL (8)
REC_L (6)
DREC_SYS (6)
FS_SYS (8)
FF_SYS (8)
FPS0 (8), (13)
FPS1 (8)
FEND (1)
TAPE_REV_H (3)
CAP_FG (1)
AV_ADRS[1-13] (6), (4), (13)
AV_ADRS[1] … AV_ADRS[12]
AV_IORD_L (4), (6), (13)
VR61103 50K/VR8
RECVRCH2_UNI_L (8)
RECVRCH1_UNI_L (8)
T_BRK_OFF_H (5)
M_STOPR_ON_H (5)
PINCH_ON_H (5)
LOAD/UNLOAD (4)
F_LOAD_M_ON_H (4)
LOAD_SPEED2 (3)
S_TAB_SW (3)
R_C_CLK (13)
R_TXD (13)
C_TXD (13)
REEL_POS1_H (3)
REEL_POS2_H (3)
P_RESET (1), (13), (9)
CAS_MID_H (3)
CAS_DWN_SW_L (3)
SRV_SYS_DATA (1), (13)
CL_SOL_NG_L (3)
CASSET_POS_2 (3)
SOL_LOW_DRIVE (3)
T_END (3)
DEW_GND (3)
CL_SOL_ON_H (3)
PHT_LED_H (3)
S_BRK_OFF_H (5)
R_ST_MT_FWD (4)
12V (5)
CAP_M_CUR PAT/EYF6CU TP61104
CP61112
CP61113
VR_REC_CH1 (1)
VR_REC_CH2 (1)
DGND
CP61117
CLK_20_3V (1)
ENV_DET_RCH (8)
VIT_SEL_3V (6)
I2C_CLK_3V (6)
I2C_DATA3V (1)
EVR_DATA (6)
EVR_CLK (6)
EVR_RF1_SEL (6)
EVR_RF0_SEL (6)
EVR_VIDEO_SEL (6)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 61100 Series

COMPONENT NAME	AV SYSCON (MOTHER IF)	12/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

SCM078

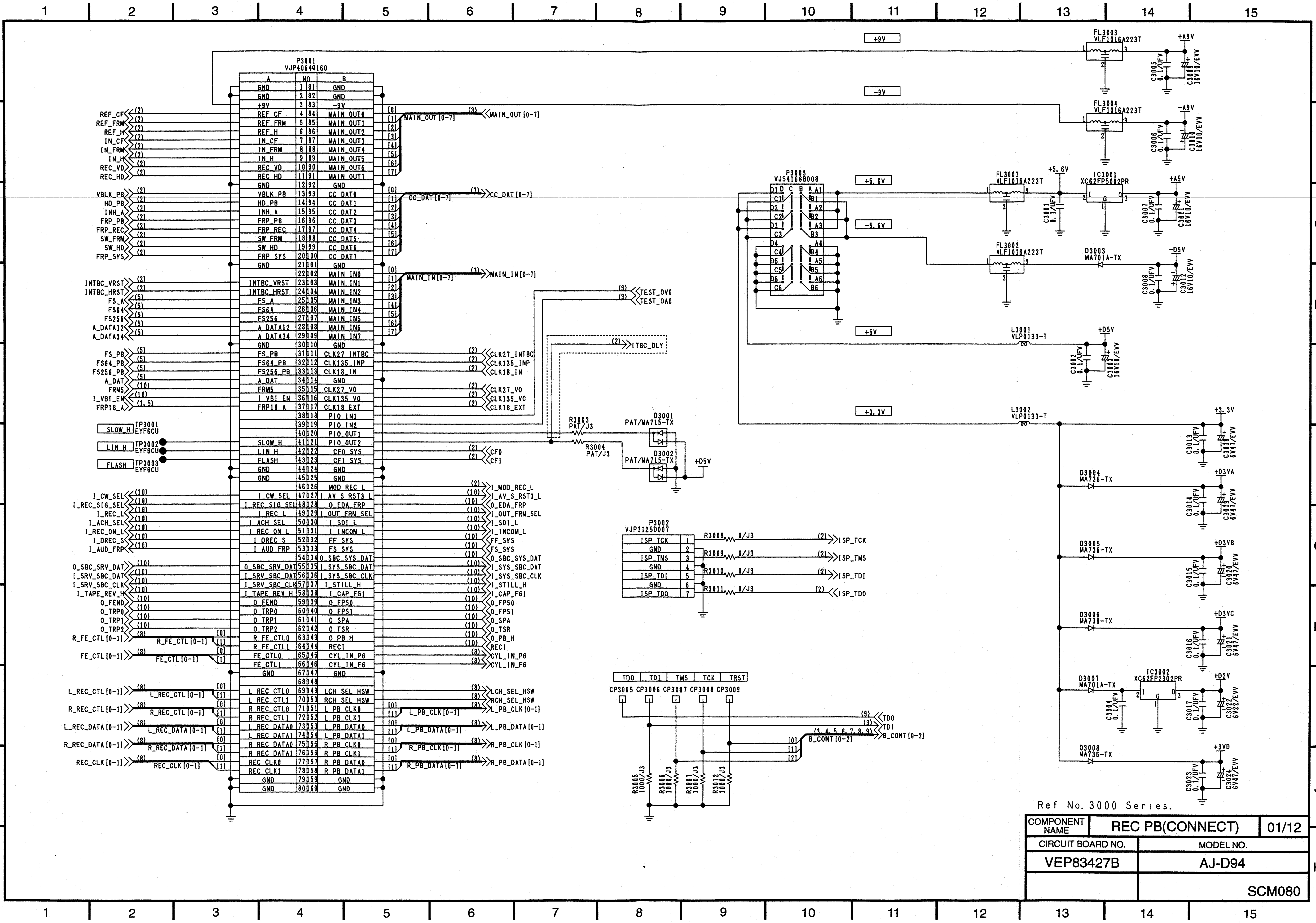
VIDE-V26967 / DRUCK87


P61201
PAT/VJS3791D050
P61202
PAT/VJS3791D050
AV FLASH
P61203
VJS3791D020
IF FLASH
P61204
VJS3791D020
3V
5V
5V_IF
DGND
AV_CS_AUDIO
AV_IORD_L
AV_IOWR_L
AV_DATA[0-7]
AV_ADRS[1-13]
SYS_SRV_CLK
SYS_SRV_DATA
SRV_SYS_DATA
C_TXD
R_TXD
R_C_CLK
P_RESET
RXD
INVARID_L
JIG_L
FRP_SYS
TSR
FPS0
P90
FLASH_WRITE
TXD
D3V
DGND
DSW1
DSW2
A[1-20]
D[0-15]
MASTER_ENABLE
FLASH_COPY
WR
RD0
BUS_ENABLE
RD
DSW5
DSW6
DSW7
DSW8
TxD
RxD
FLASHWRITE_L_IF
19200_H
V_MPU_MODE
DSW1(ON INT ROM)
RXD_IF
TXD_IF
INVARID_L_IF
232C_TXD
232C_RXD
5v
CP61201
CP61202
CP61203
CP61204
CP61205
CP61207
CP61208
CP61210
CP61211
CP61212
CP61213
CP61214
CP61215
CP61216
CP61217
CP61218
CP61219
CP61220
CP61221
CP61222
CP61223
CP61224
CP61225
CP61226
CP61227
CP61228
CP61229
CP61230
CP61231
CP61232
CP61233
CP61234
CP61235
CP61236
CP61237
CP61238
CP61239
CP61240
CP61241
CP61242
CP61243
(1)
(9)
(12), (6)
(4), (6), (12)
(8), (12)
(1), (12)
(1), (4), (12)

Ref No. 61200 Series

COMPONENT NAME	AV SYSCON (JIG-IF)	13/13
CIRCUIT BOARD NO.	MODEL NO.	
VEP86274C	AJ-D94	

SCM079

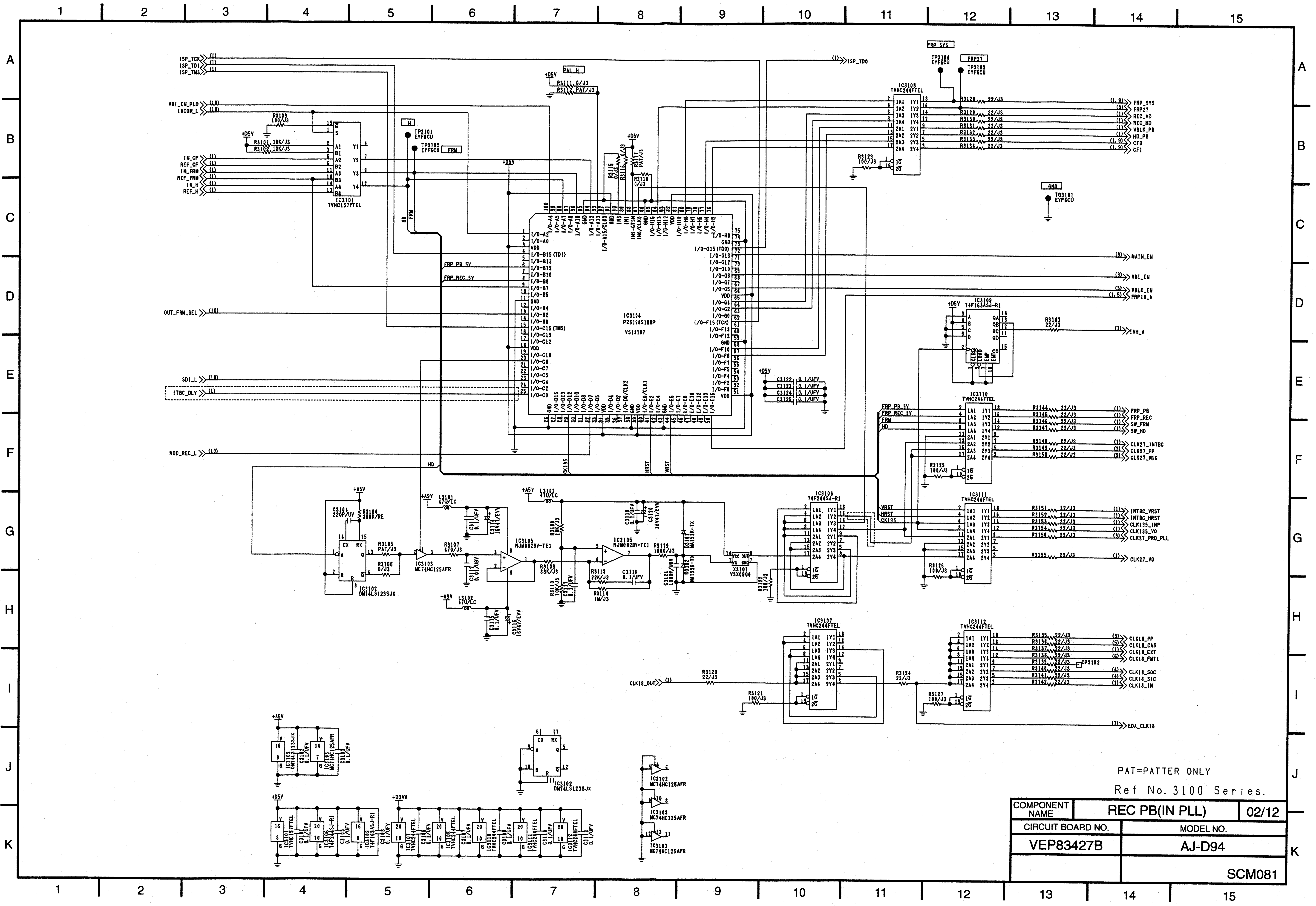


P3001
VJP4064Q160
P3003
VJS4168B008
P3002
VJP3125D007
FL3001
FL3002
FL3003
FL3004
VLF1016A223T
IC3001
XC62FP5002PR
IC3002
XC62FP2302PR
L3001
L3002
VLP0133-T
D3001
D3002
PAT/MA715-TX
D3003
MA701A-TX
D3004
D3005
D3006
D3008
MA736-TX
D3007
MA701A-TX
R3003
R3004
PAT/J3
R3008
R3009
R3010
R3011
0/J3
R3005
R3006
R3007
R3012
1000/J3
TP3001
TP3002
TP3003
EYF6CU
SLOW_H
LIN_H
FLASH
+9V
-9V
+5.6V
-5.6V
+5V
+3.3V
+A9V
-A9V
+A5V
-D5V
+D5V
+3.3V
+D3VA
+D3VB
+D3VC
+D2V
+3VD
MAIN_OUT[0-7]
CC_DAT[0-7]
MAIN_IN[0-7]
TEST_OVO
TEST_OAO
ITBC_DLY
ISP_TCK
ISP_TMS
ISP_TDI
ISP_TDO
TDO
TDI
TMS
TCK
TRST
CP3005
CP3006
CP3007
CP3008
CP3009
B_CONT[0-2]

Ref No. 3000 Series.

COMPONENT NAME	REC PB(CONNECT)	01/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM080	

JCK89

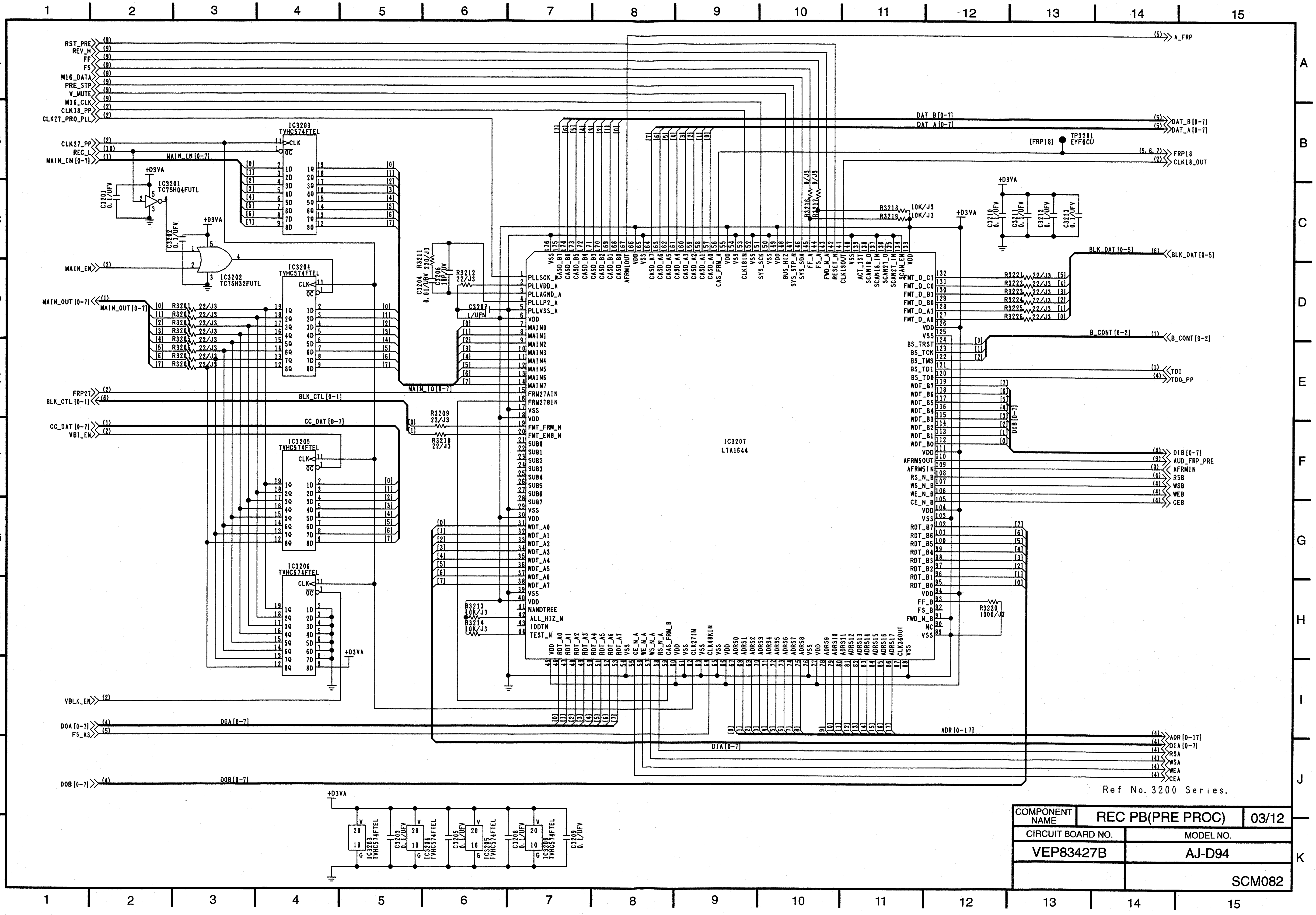

ISP_TCK
ISP_TDI
ISP_TMS
ISP_TDO
VBI_EN_PLD
INCOM_L
IN_CF
REF_CF
IN_FRM
REF_FRM
IN_H
REF_H
OUT_FRM_SEL
SDI_L
ITBC_DLY
MOD_REC_L
CLK18_OUT
IC3101 TVHC157FTEL
IC3102 DM74LS123SJX
IC3103 MC74HC125AFR
IC3104 PZ5128S10BP VS13187
IC3105 NJM082BV-TE1
IC3106 74F244SJ-R1
IC3107 TVHC244FTEL
IC3108 TVHC244FTEL
IC3109 74F163ASJ-R1
IC3110 TVHC244FTEL
IC3111 TVHC244FTEL
IC3112 TVHC244FTEL
X3101 VSX0906
TP3101 EYF6CU
TP3102 EYF6CU
TP3103 EYF6CU
TP3104 EYF6CU
TG3101 EYF6CU
FRP_SYS
FRP27
REC_VD
REC_HD
VBLK_PB
HD_PB
CF8
CF1
MAIN_EN
VBI_EN
VBLK_EN
FRP18_A
INH_A
FRP_PB
FRP_REC
SW_FRM
SW_HD
CLK27_INTBC
CLK27_PP
CLK27_M16
INTBC_VRST
INTBC_HRST
CLK135_INP
CLK135_VO
CLK27_PRO_PLL
CLK27_VO
CLK18_PP
CLK18_CAS
CLK18_EXT
CLK18_FMT1
CLK18_SOC
CLK18_SIC
CLK18_IN
EDA_CLK18
+D5V
+A5V
-A9V
+A9V
+D3VA

PAT=PATTER ONLY

Ref No. 3100 Series.

COMPONENT NAME	REC PB(IN PLL)	02/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM081	

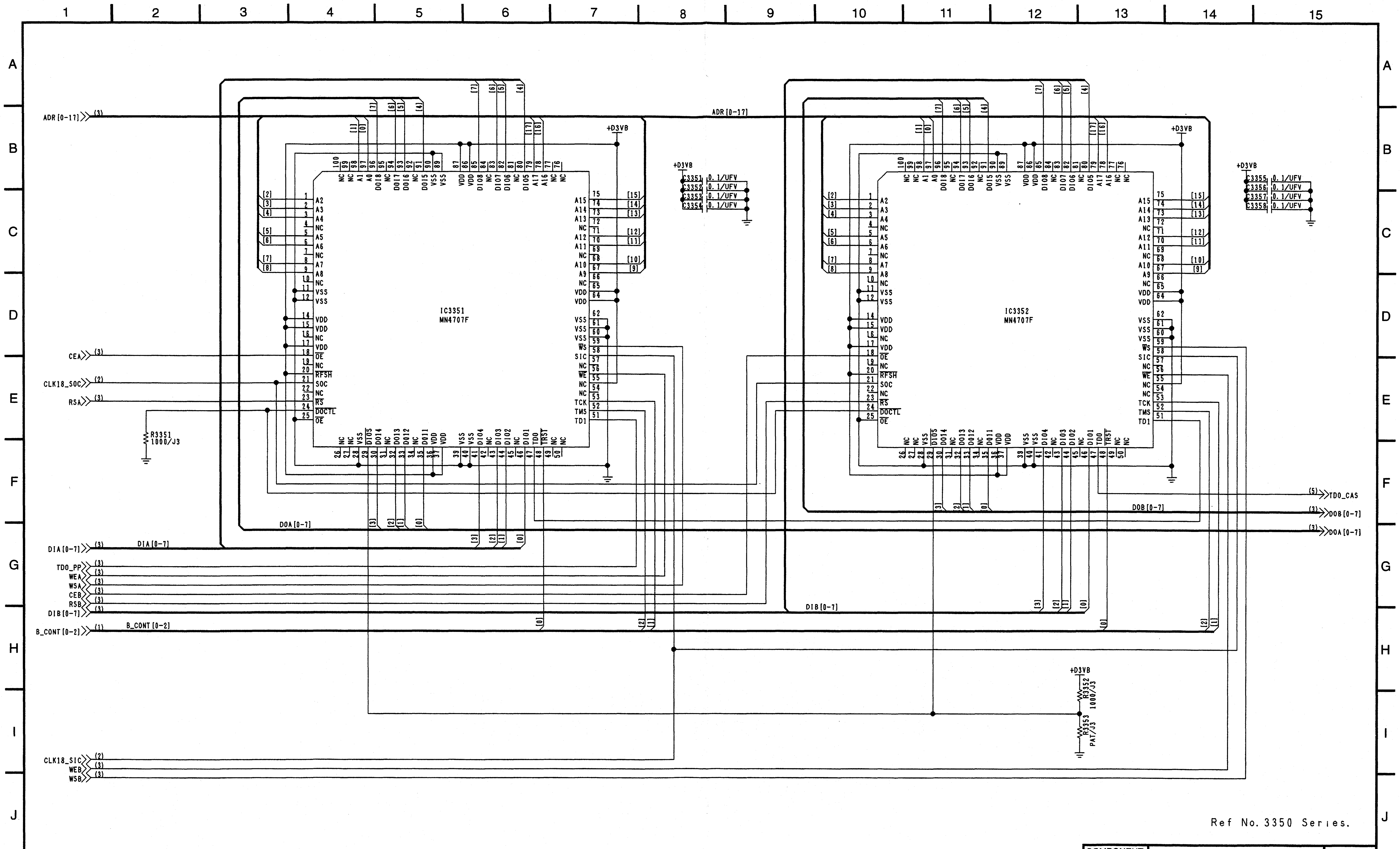
VIDE-V26967 / DRUCK90


RST_PRE
REV_H
FF
FS
M16_DATA
PRE_STP
V_MUTE
M16_CLK
CLK18_PP
CLK27_PRO_PLL
CLK27_PP
REC_L
MAIN_IN[0-7]
MAIN_EN
MAIN_OUT[0-7]
FRP27
BLK_CTL[0-1]
CC_DAT[0-7]
VBI_EN
VBLK_EN
DOA[0-7]
FS_A3
DOB[0-7]
IC3201 TC7SH04FUTL
IC3202 TC7SH32FUTL
IC3203 TVHC574FTEL
IC3204 TVHC574FTEL
IC3205 TVHC574FTEL
IC3206 TVHC574FTEL
IC3207 L7A1644
+D3VA
A_FRP
DAT_B[0-7]
DAT_A[0-7]
TP3201 EYF6CU
[FRP18]
FRP18
CLK18_OUT
BLK_DAT[0-5]
B_CONT[0-2]
TDI
TDO_PP
DIB[0-7]
AUD_FRP_PRE
AFRMIN
RSB
WSB
WEB
CEB
ADR[0-17]
DIA[0-7]
RSA
WSA
WEA
CEA
R3201–R3208 22/J3
R3209 22/J3
R3210 22/J3
R3211 220/J3
R3212 22/J3
R3213 10K/J3
R3214 10K/J3
R3216 0/J3
R3217 0/J3
R3218 10K/J3
R3219 10K/J3
R3220 1000/J3
R3221–R3226 22/J3
C3201 0.1/UFV
C3202 0.1/UFV
C3204 0.01/UBV
C3206 18P/UV
C3207 1/UFN
C3210 0.1/UFV
C3211 0.1/UFV
C3212 0.1/UFV
C3213 0.1/UFV
C3203 0.1/UFV
C3205 0.1/UFV
C3208 0.1/UFV
C3209 0.1/UFV

Ref No. 3200 Series.

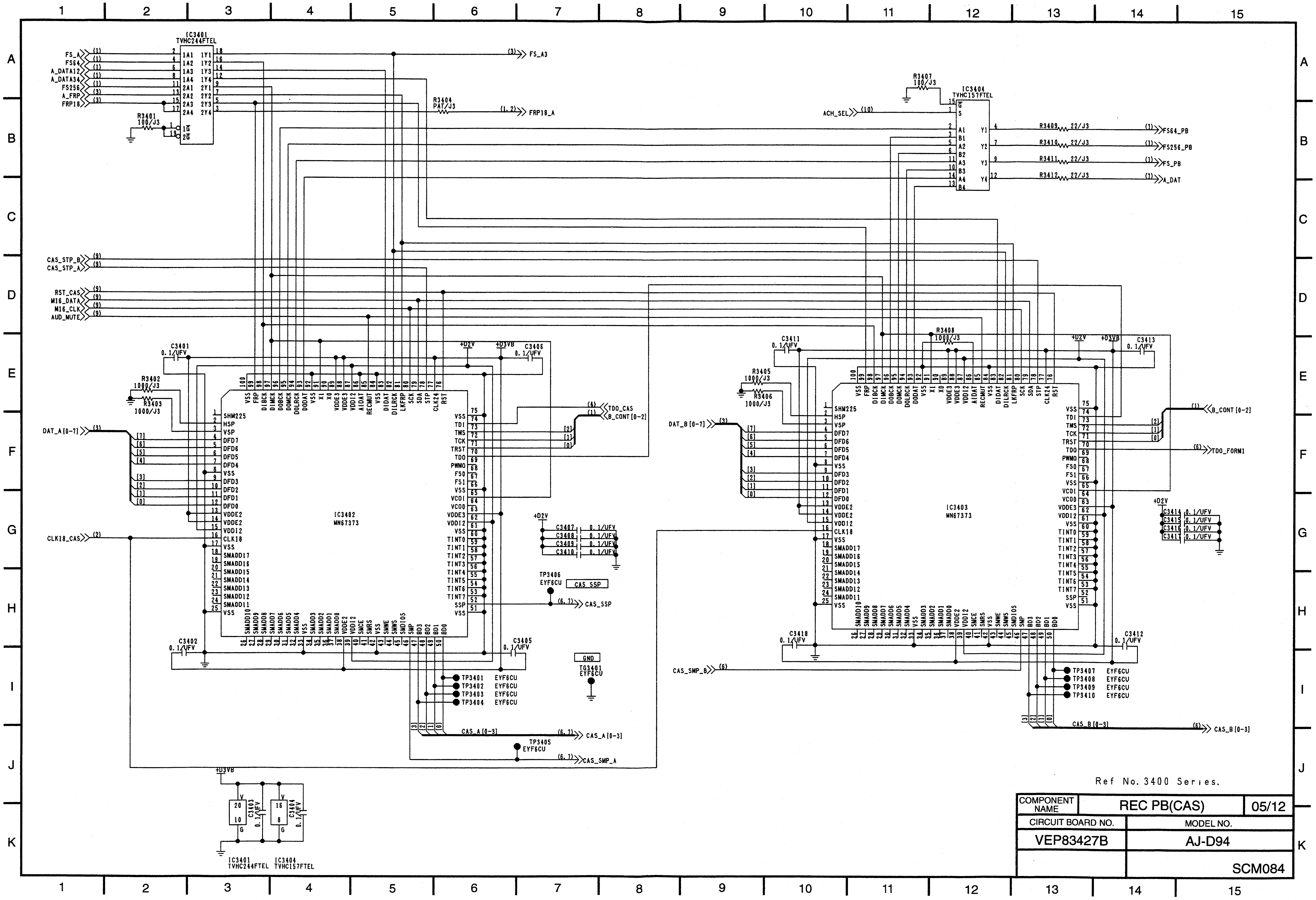
COMPONENT NAME	REC PB(PRE PROC)	03/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM082	

VIDE-V26967 / DRUCK91


IC3351
MN4707F
IC3352
MN4707F
ADR[0-17]
DIA[0-7]
DOA[0-7]
DIB[0-7]
DOB[0-7]
CEA
CLK18_SOC
RSA
TD0_PP
WEA
WSA
CEB
RSB
B_CONT[0-2]
CLK18_SIC
WEB
WSB
TD0_CAS
+D3VB
C3351 0.1/UFV
C3352 0.1/UFV
C3353 0.1/UFV
C3354 0.1/UFV
C3355 0.1/UFV
C3356 0.1/UFV
C3357 0.1/UFV
C3358 0.1/UFV
R3351 1000/J3
R3352 1000/J3
R3353 PAT/J3

Ref No. 3350 Series.

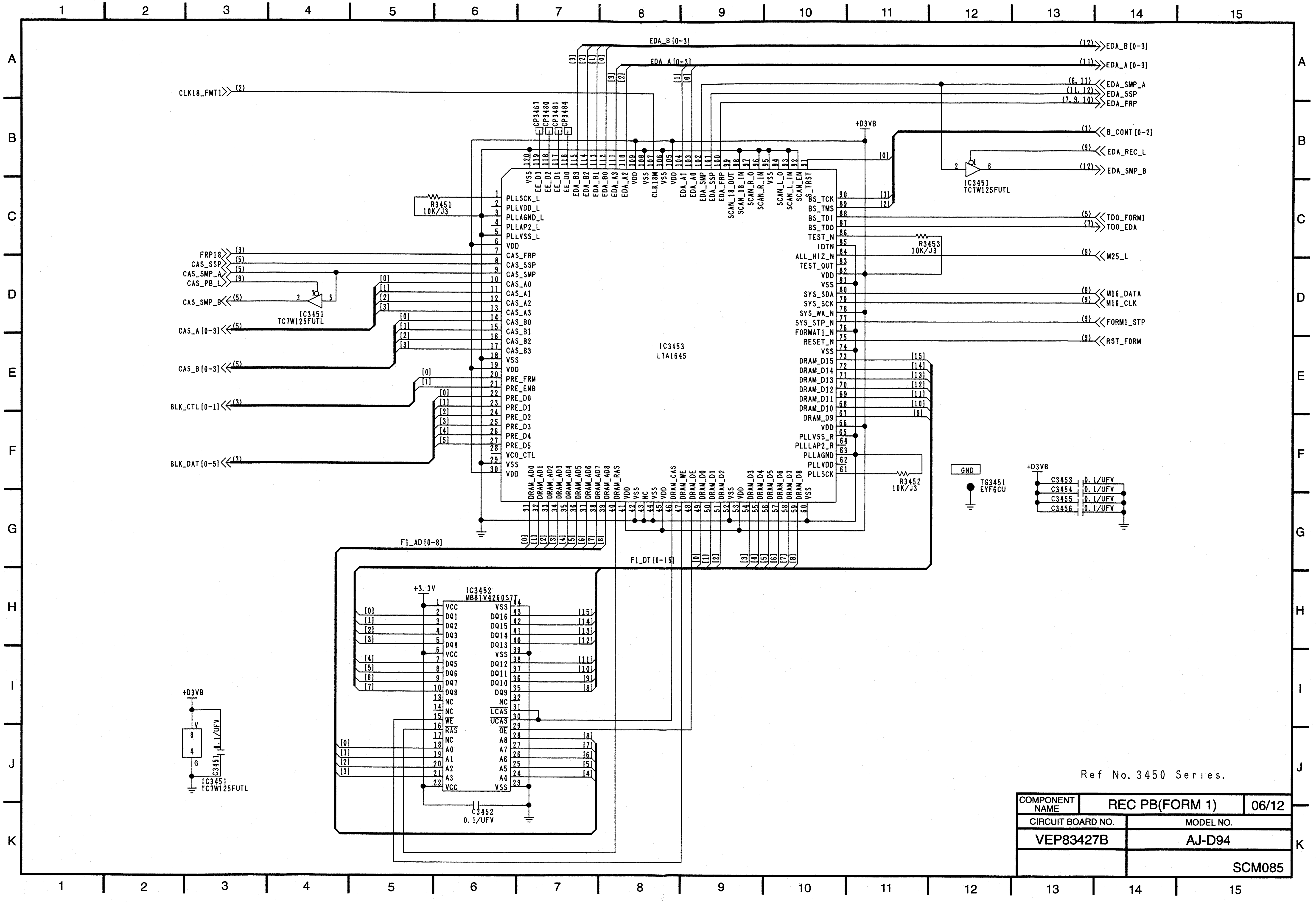
COMPONENT NAME	REC PB(SHUF MEM)	04/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM083	


IC3401
TVHC244FTEL
FS_A
FS64
A_DATA12
A_DATA34
FS256
A_FRP
FRP18
R3401
100/J3
FS_A3
R3404
PAT/J3
FRP18_A
R3407
100/J3
IC3404
TVHC157FTEL
ACH_SEL
R3409 22/J3
FS64_PB
R3410 22/J3
FS256_PB
R3411 22/J3
FS_PB
R3412 22/J3
A_DAT
CAS_STP_B
CAS_STP_A
RST_CAS
M16_DATA
M16_CLK
AUD_MUTE
C3401
0.1/UFV
+D2V
+D3VB
C3406
0.1/UFV
R3402
1000/J3
R3403
1000/J3
DAT_A[0-7]
CLK18_CAS
IC3402
MN67373
TDO_CAS
B_CONT[0-2]
C3407
C3408
C3409
C3410
0.1/UFV
TP3406
EYF6CU
CAS SSP
CAS_SSP
C3402
0.1/UFV
C3405
0.1/UFV
GND
TG3401
EYF6CU
TP3401
TP3402
TP3403
TP3404
EYF6CU
CAS_A[0-3]
TP3405
EYF6CU
CAS_SMP_A
+D3VB
C3403
0.1/UFV
C3404
0.1/UFV
IC3401
TVHC244FTEL
IC3404
TVHC157FTEL
C3411
0.1/UFV
R3408
1000/J3
C3413
0.1/UFV
R3405
1000/J3
R3406
1000/J3
DAT_B[0-7]
IC3403
MN67373
TDO_FORM1
C3414
C3415
C3416
C3417
0.1/UFV
C3418
0.1/UFV
C3412
0.1/UFV
CAS_SMP_B
TP3407
TP3408
TP3409
TP3410
EYF6CU
CAS_B[0-3]

Ref No. 3400 Series.

COMPONENT NAME	REC PB(CAS)	05/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM084	

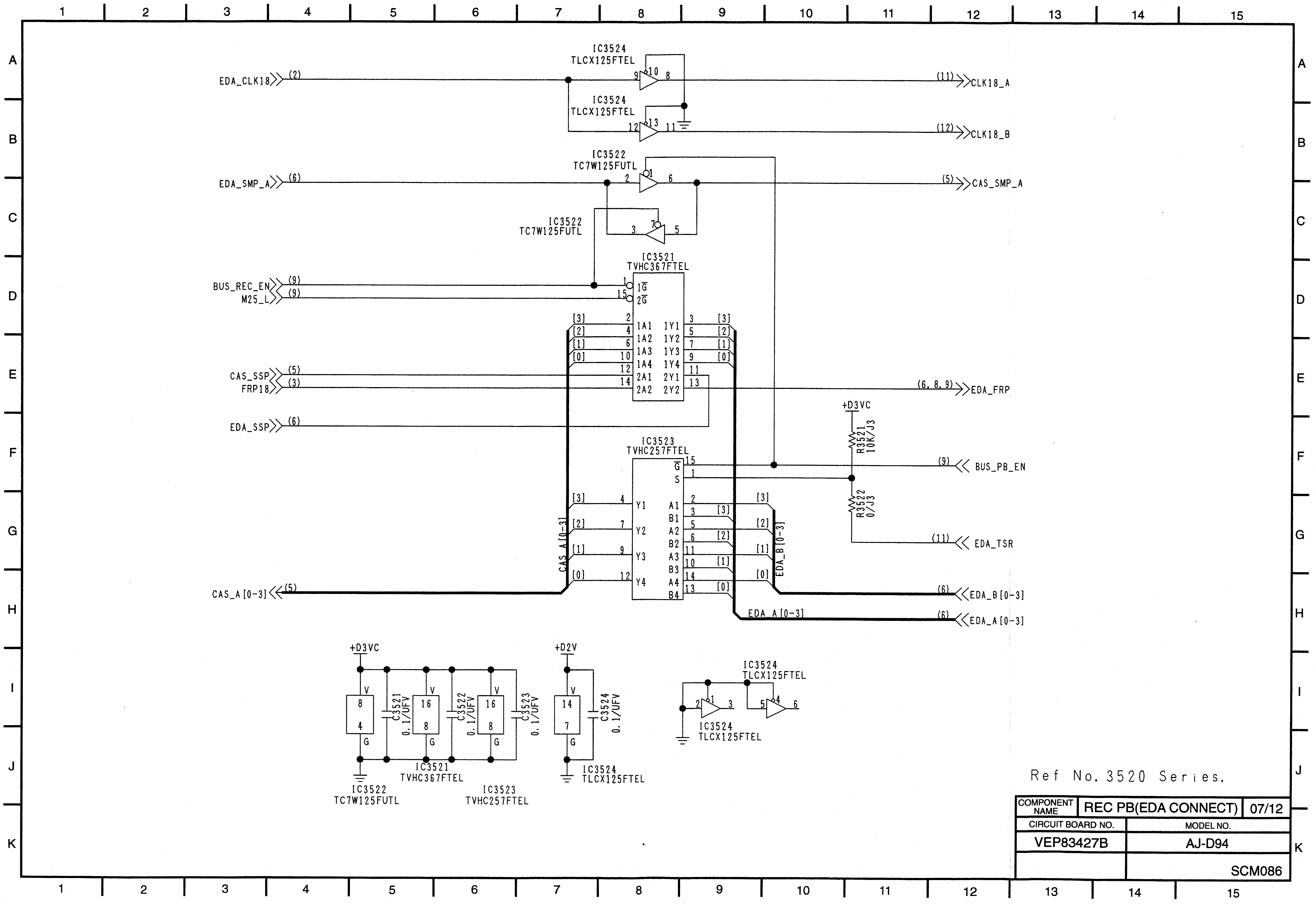
VIDE-V26967 / DRUCK93


EDA_B[0-3]
EDA_A[0-3]
CLK18_FMT1
EDA_SMP_A
EDA_SSP
EDA_FRP
+D3VB
B_CONT[0-2]
EDA_REC_L
EDA_SMP_B
IC3451
TC7W125FUTL
CP3467
CP3480
CP3481
CP3484
R3451
10K/J3
FRP18
CAS_SSP
CAS_SMP_A
CAS_PB_L
CAS_SMP_B
CAS_A[0-3]
CAS_B[0-3]
BLK_CTL[0-1]
BLK_DAT[0-5]
IC3453
LTA1645
TDO_FORM1
TDO_EDA
R3453
10K/J3
M25_L
M16_DATA
M16_CLK
FORM1_STP
RST_FORM
R3452
10K/J3
GND
TG3451
EYF6CU
C3453 0.1/UFV
C3454 0.1/UFV
C3455 0.1/UFV
C3456 0.1/UFV
F1_AD[0-8]
F1_DT[0-15]
+3.3V
IC3452
MB81V4260S7T
C3452
0.1/UFV
C3451 0.1/UFV
IC3451
TC7W125FUTL

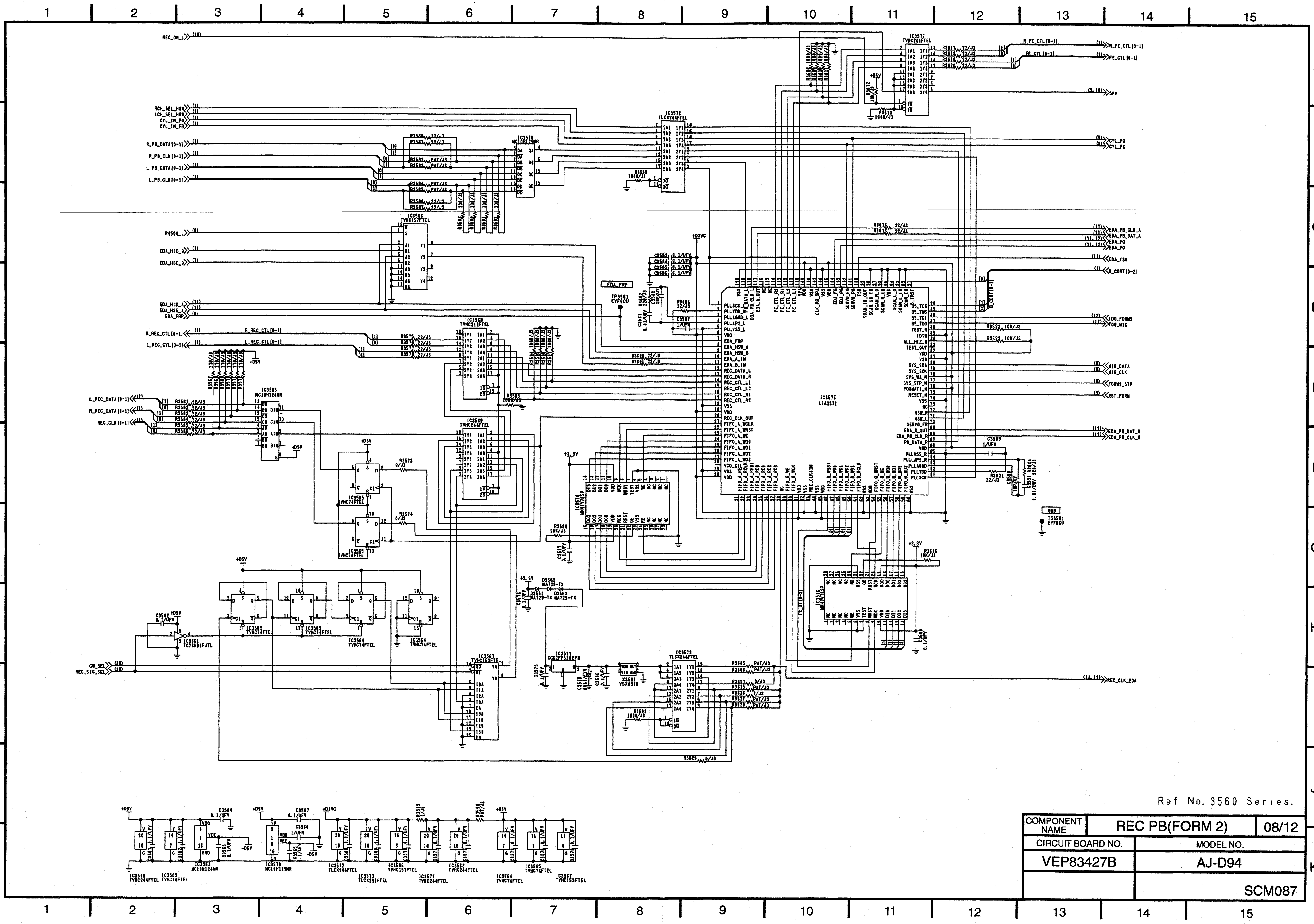
Ref No. 3450 Series.

COMPONENT NAME	REC PB(FORM 1)	06/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM085	

VIDE-V26967 / DRUCK94

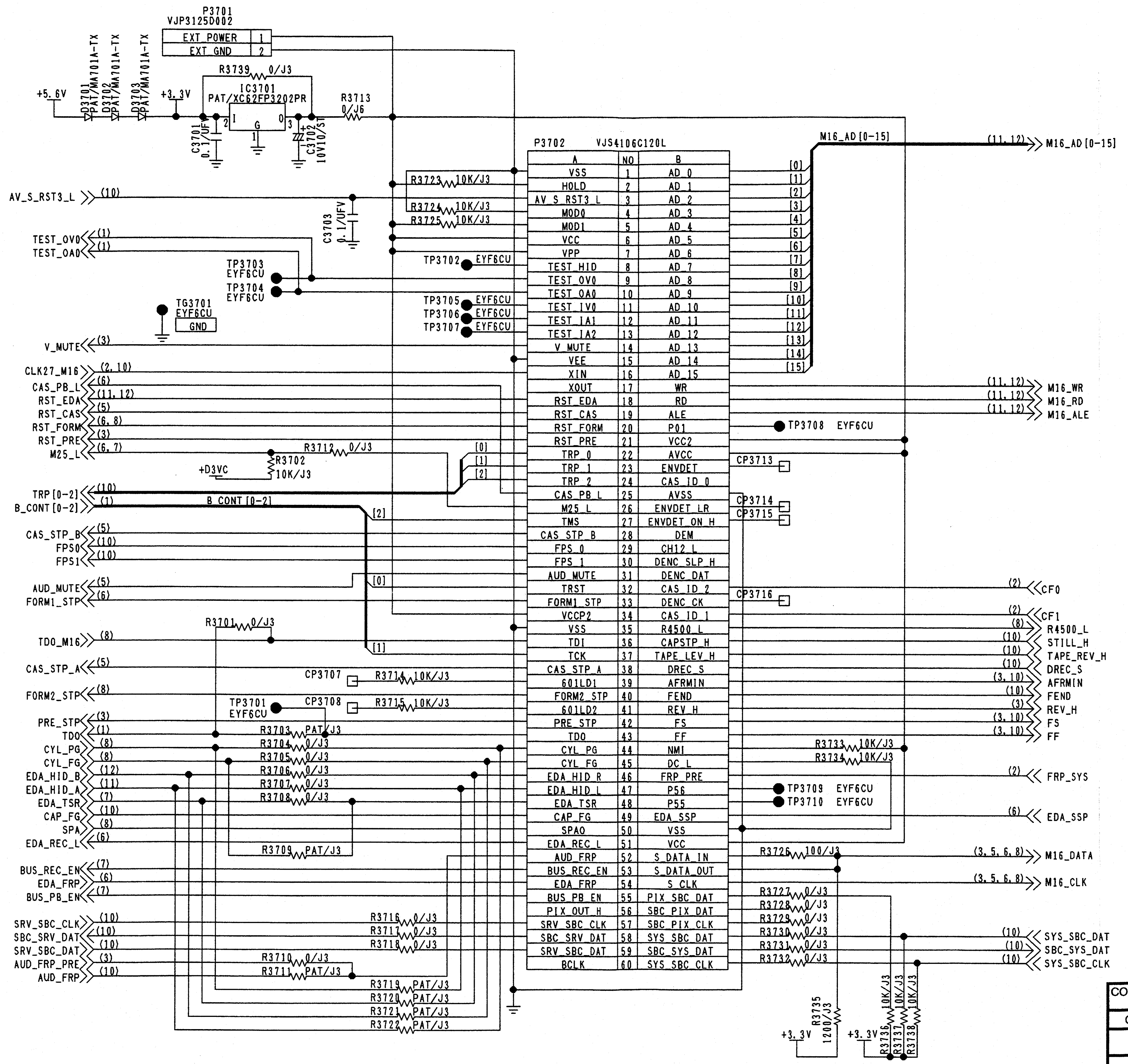

IC3524
TLCX125FTEL
EDA_CLK18
(2)
(11)
CLK18_A
(12)
CLK18_B
IC3522
TC7W125FUTL
EDA_SMP_A
(6)
(5)
CAS_SMP_A
IC3521
TVHC367FTEL
BUS_REC_EN
(9)
M25_L
1G
2G
1A1
1A2
1A3
1A4
2A1
2A2
1Y1
1Y2
1Y3
1Y4
2Y1
2Y2
CAS_SSP
FRP18
(3)
EDA_SSP
(6, 8, 9)
EDA_FRP
+D3VC
R3521
10K/J3
R3522
0/J3
IC3523
TVHC257FTEL
BUS_PB_EN
EDA_TSR
G
S
Y1
Y2
Y3
Y4
A1
B1
A2
B2
A3
B3
A4
B4
CAS_A[0-3]
EDA_B[0-3]
EDA_A[0-3]
C3521
C3522
C3523
0.1/UFV
+D2V
C3524
V
G
Ref No.3520 Series.

COMPONENT NAME	REC PB(EDA CONNECT)	07/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM086	


REC_ON_L
RCH_SEL_HSW
LCH_SEL_HSW
CYL_IN_PG
CYL_IN_FG
R_PB_DATA[0-1]
R_PB_CLK[0-1]
L_PB_DATA[0-1]
L_PB_CLK[0-1]
R4500_L
EDA_HID_B
EDA_HSE_B
EDA_HID_A
EDA_HSE_A
EDA_FRP
R_REC_CTL[0-1]
L_REC_CTL[0-1]
L_REC_DATA[0-1]
R_REC_DATA[0-1]
REC_CLK[0-1]
CW_SEL
REC_SIG_SEL
R_FE_CTL[0-1]
FE_CTL[0-1]
SPA
CYL_PG
CYL_FG
EDA_PB_CLK_A
EDA_PB_DAT_A
EDA_FG
EDA_PG
EDA_TSR
B_CONT[0-2]
TDO_FORM2
TDO_M16
M16_DATA
M16_CLK
FORM2_STP
RST_FORM
EDA_PB_DAT_B
EDA_PB_CLK_B
REC_CLK_EDA
IC3512 TLCX244FTEL
IC3517 TVHC244FTEL
IC3570 MC10H125MR
IC3566 TVHC157FTEL
IC3568 TVHC244FTEL
IC3569 TVHC244FTEL
IC3563 MC10H124MR
IC3565 TVHC74FTEL
IC3562 TVHC74FTEL
IC3564 TVHC74FTEL
IC3561 TC7SH04FUTL
IC3567 TVHC153FTEL
IC3575 LTA1571
IC3574
IC3576
IC3571
IC3573 TLCX244FTEL
X3561 VSX8576
D3561 MA729-TX
D3562 MA729-TX
D3563 MA729-TX
TP3561 EYF8CU
TG3561 EYF8CU
GND
EDA_FRP
+D5V
-D5V
+3.3V
+D3VC
+5.6V
IC3569 TVHC244FTEL
IC3562 TVHC74FTEL
IC3563 MC10H124MR
IC3570 MC10H125MR
IC3572 TLCX244FTEL
IC3573 TLCX244FTEL
IC3566 TVHC157FTEL
IC3577 TVHC244FTEL
IC3568 TVHC244FTEL
IC3564 TVHC74FTEL
IC3565 TVHC74FTEL
IC3567 TVHC153FTEL

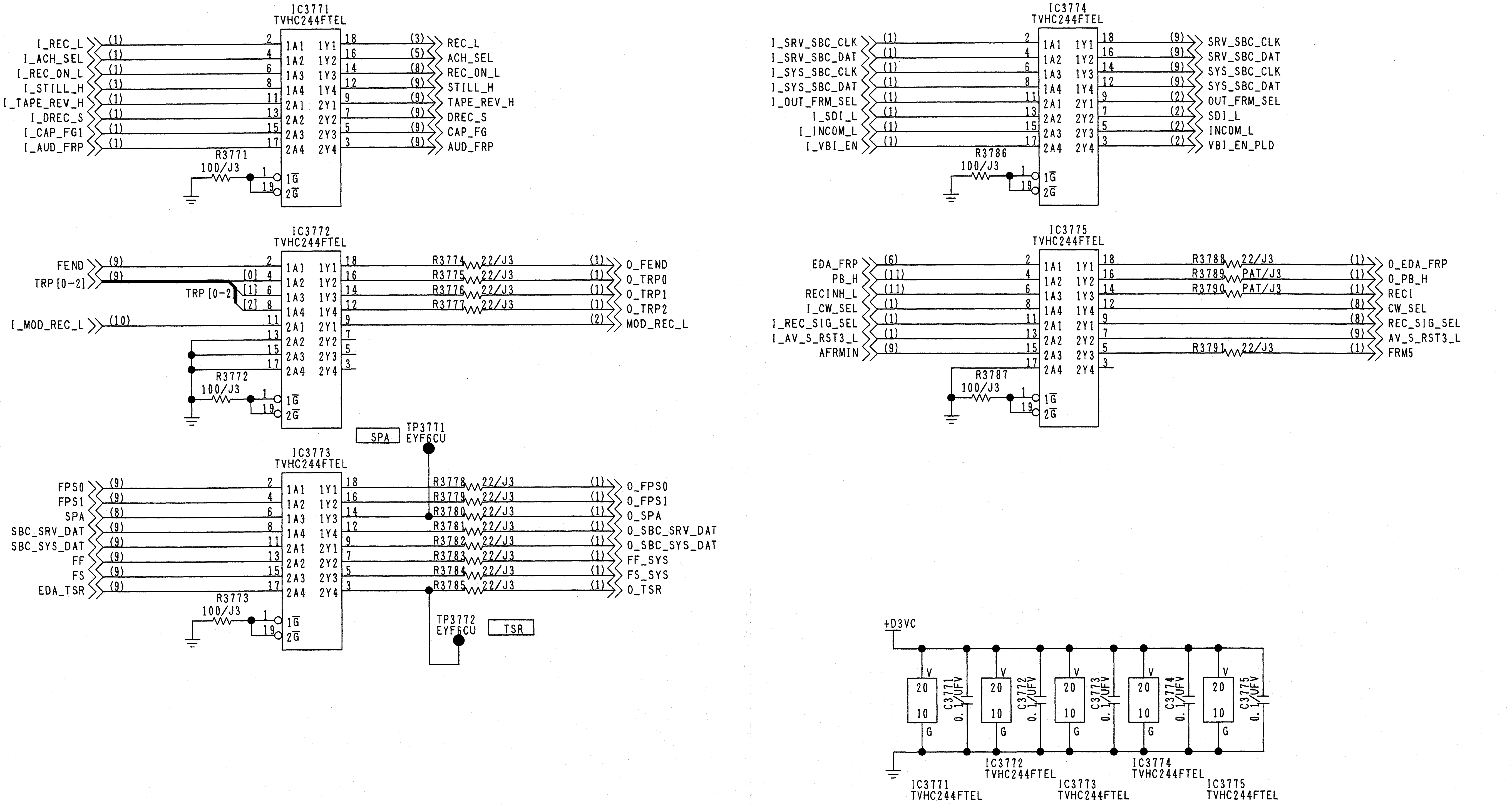
Ref No. 3560 Series.

COMPONENT NAME	REC PB(FORM 2)	08/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM087	


P3701
VJP3125D002
EXT_POWER 1
EXT_GND 2
R3739 0/J3
IC3701
PAT/XC62FP3202PR
R3713 0/J6
+5.6V
+3.3V
D3701 PAT/MA701A-TX
D3702 PAT/MA701A-TX
D3703 PAT/MA701A-TX
C3701 0.1/UF
C3702 10V10/ST
P3702 VJS4106C120L
A NO B
VSS 1 AD_0
HOLD 2 AD_1
AV_S_RST3_L 3 AD_2
MOD0 4 AD_3
MOD1 5 AD_4
VCC 6 AD_5
VPP 7 AD_6
TEST_HID 8 AD_7
TEST_OV0 9 AD_8
TEST_OA0 10 AD_9
TEST_IV0 11 AD_10
TEST_IA1 12 AD_11
TEST_IA2 13 AD_12
V_MUTE 14 AD_13
VEE 15 AD_14
XIN 16 AD_15
XOUT 17 WR
RST_EDA 18 RD
RST_CAS 19 ALE
RST_FORM 20 P01
RST_PRE 21 VCC2
TRP_0 22 AVCC
TRP_1 23 ENVDET
TRP_2 24 CAS_ID_0
CAS_PB_L 25 AVSS
M25_L 26 ENVDET_LR
TMS 27 ENVDET_ON_H
CAS_STP_B 28 DEM
FPS_0 29 CH12_L
FPS_1 30 DENC_SLP_H
AUD_MUTE 31 DENC_DAT
TRST 32 CAS_ID_2
FORM1_STP 33 DENC_CK
VCCP2 34 CAS_ID_1
VSS 35 R4500_L
TDI 36 CAPSTP_H
TCK 37 TAPE_LEV_H
CAS_STP_A 38 DREC_S
601LD1 39 AFRMIN
FORM2_STP 40 FEND
601LD2 41 REV_H
PRE_STP 42 FS
TDO 43 FF
CYL_PG 44 NMI
CYL_FG 45 DC_L
EDA_HID_R 46 FRP_PRE
EDA_HID_L 47 P56
EDA_TSR 48 P55
CAP_FG 49 EDA_SSP
SPA0 50 VSS
EDA_REC_L 51 VCC
AUD_FRP 52 S_DATA_IN
BUS_REC_EN 53 S_DATA_OUT
EDA_FRP 54 S_CLK
BUS_PB_EN 55 PIX_SBC_DAT
PIX_OUT_H 56 SBC_PIX_DAT
SRV_SBC_CLK 57 SBC_PIX_CLK
SBC_SRV_DAT 58 SBC_SYS_DAT
SRV_SBC_DAT 59 SBC_SYS_DAT
BCLK 60 SYS_SBC_CLK
M16_AD[0-15]
(11,12) M16_AD[0-15]
R3723 10K/J3
R3724 10K/J3
R3725 10K/J3
C3703 0.1/UFV
AV_S_RST3_L (10)
TEST_OV0 (1)
TEST_OA0 (1)
TP3703 EYF6CU
TP3704 EYF6CU
TP3702 EYF6CU
TP3705 EYF6CU
TP3706 EYF6CU
TP3707 EYF6CU
TG3701 EYF6CU GND
V_MUTE (3)
CLK27_M16 (2,10)
CAS_PB_L (6)
RST_EDA (11,12)
RST_CAS (5)
RST_FORM (6,8)
RST_PRE (3)
M25_L (6,7)
R3712 0/J3
R3702 10K/J3
+D3VC
TRP[0-2] (10)
B_CONT[0-2] (1)
B_CONT[0-2]
CAS_STP_B (5)
FPS0 (10)
FPS1 (10)
AUD_MUTE (5)
FORM1_STP (6)
R3701 0/J3
TDO_M16 (8)
CAS_STP_A (5)
CP3707
R3714 10K/J3
FORM2_STP (8)
TP3701 EYF6CU
CP3708
R3715 10K/J3
PRE_STP (3)
TDO (1)
CYL_PG (8)
CYL_FG (8)
EDA_HID_B (12)
EDA_HID_A (11)
EDA_TSR (7)
CAP_FG (10)
SPA (8)
EDA_REC_L (6)
R3703 PAT/J3
R3704 0/J3
R3705 0/J3
R3706 0/J3
R3707 0/J3
R3708 0/J3
R3709 PAT/J3
BUS_REC_EN (7)
EDA_FRP (6)
BUS_PB_EN (7)
SRV_SBC_CLK (10)
SBC_SRV_DAT (10)
SRV_SBC_DAT (10)
AUD_FRP_PRE (3)
AUD_FRP (10)
R3716 0/J3
R3717 0/J3
R3718 0/J3
R3710 0/J3
R3711 PAT/J3
R3719 PAT/J3
R3720 PAT/J3
R3721 PAT/J3
R3722 PAT/J3
(11,12) M16_WR
(11,12) M16_RD
(11,12) M16_ALE
TP3708 EYF6CU
CP3713
CP3714
CP3715
CP3716
(2) CF0
(2) CF1
(8) R4500_L
(10) STILL_H
(10) TAPE_REV_H
(10) DREC_S
(3,10) AFRMIN
(10) FEND
(3) REV_H
(3,10) FS
(3,10) FF
R3733 10K/J3
R3734 10K/J3
(2) FRP_SYS
TP3709 EYF6CU
TP3710 EYF6CU
(6) EDA_SSP
R3726 100/J3
(3,5,6,8) M16_DATA
(3,5,6,8) M16_CLK
R3727 0/J3
R3728 0/J3
R3729 0/J3
R3730 0/J3
R3731 0/J3
R3732 0/J3
(10) SYS_SBC_DAT
(10) SBC_SYS_DAT
(10) SYS_SBC_CLK
R3735 1200/J3
+3.3V
+3.3V
R3736 10K/J3
R3737 10K/J3
R3738 10K/J3

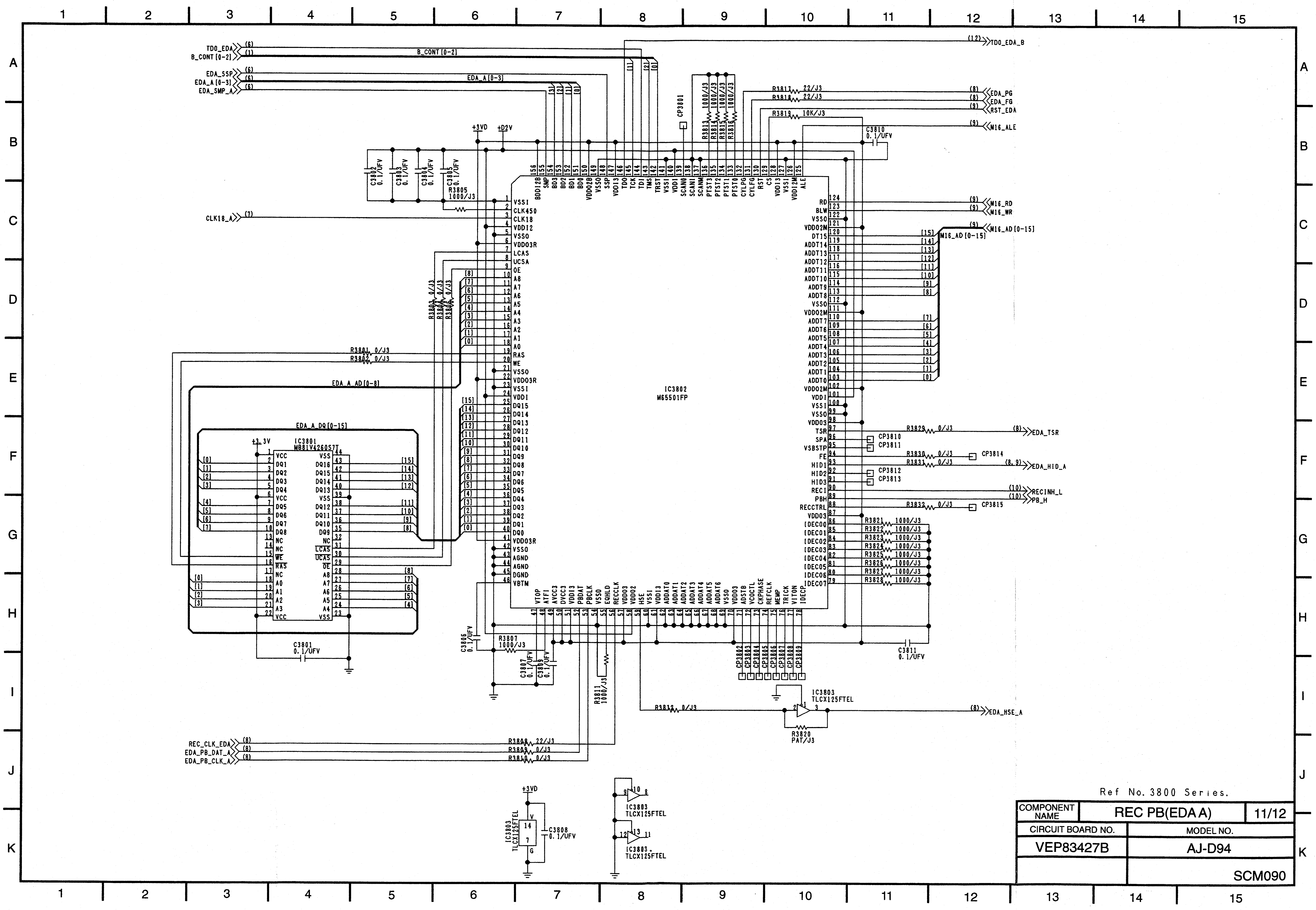
Ref No. 3700 Series.

COMPONENT NAME	REC PB(M16 CONNECT)	09/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM088	


IC3771
TVHC244FTEL
I_REC_L (1)
I_ACH_SEL (1)
I_REC_ON_L (1)
I_STILL_H (1)
I_TAPE_REV_H (1)
I_DREC_S (1)
I_CAP_FG1 (1)
I_AUD_FRP (1)
(3) REC_L
(5) ACH_SEL
(8) REC_ON_L
(9) STILL_H
(9) TAPE_REV_H
(9) DREC_S
(9) CAP_FG
(9) AUD_FRP
R3771
100/J3
IC3772
TVHC244FTEL
FEND (9)
TRP[0-2] (9)
TRP[0-2]
[0]
[1]
[2]
I_MOD_REC_L (10)
R3774 22/J3
R3775 22/J3
R3776 22/J3
R3777 22/J3
(1) O_FEND
(1) O_TRP0
(1) O_TRP1
(1) O_TRP2
(2) MOD_REC_L
R3772
100/J3
SPA
TP3771
EYF6CU
IC3773
TVHC244FTEL
FPS0 (9)
FPS1 (9)
SPA (8)
SBC_SRV_DAT (9)
SBC_SYS_DAT (9)
FF (9)
FS (9)
EDA_TSR (9)
R3778 22/J3
R3779 22/J3
R3780 22/J3
R3781 22/J3
R3782 22/J3
R3783 22/J3
R3784 22/J3
R3785 22/J3
(1) O_FPS0
(1) O_FPS1
(1) O_SPA
(1) O_SBC_SRV_DAT
(1) O_SBC_SYS_DAT
(1) FF_SYS
(1) FS_SYS
(1) O_TSR
R3773
100/J3
TP3772
EYF6CU
TSR
IC3774
TVHC244FTEL
I_SRV_SBC_CLK (1)
I_SRV_SBC_DAT (1)
I_SYS_SBC_CLK (1)
I_SYS_SBC_DAT (1)
I_OUT_FRM_SEL (1)
I_SDI_L (1)
I_INCOM_L (1)
I_VBI_EN (1)
(9) SRV_SBC_CLK
(9) SRV_SBC_DAT
(9) SYS_SBC_CLK
(9) SYS_SBC_DAT
(2) OUT_FRM_SEL
(2) SDI_L
(2) INCOM_L
(2) VBI_EN_PLD
R3786
100/J3
IC3775
TVHC244FTEL
EDA_FRP (6)
PB_H (11)
RECINH_L (11)
I_CW_SEL (1)
I_REC_SIG_SEL (1)
I_AV_S_RST3_L (1)
AFRMIN (9)
R3788 22/J3
R3789 PAT/J3
R3790 PAT/J3
R3791 22/J3
(1) O_EDA_FRP
(1) O_PB_H
(1) RECI
(8) CW_SEL
(8) REC_SIG_SEL
(9) AV_S_RST3_L
(1) FRM5
R3787
100/J3
1A1 1A2 1A3 1A4 2A1 2A2 2A3 2A4
1Y1 1Y2 1Y3 1Y4 2Y1 2Y2 2Y3 2Y4
1G
2G
+D3VC
V
20
10
G
C3771 0.1/UFV
C3772 0.1/UFV
C3773 0.1/UFV
C3774 0.1/UFV
C3775 0.1/UFV
IC3771 TVHC244FTEL
IC3772 TVHC244FTEL
IC3773 TVHC244FTEL
IC3774 TVHC244FTEL
IC3775 TVHC244FTEL

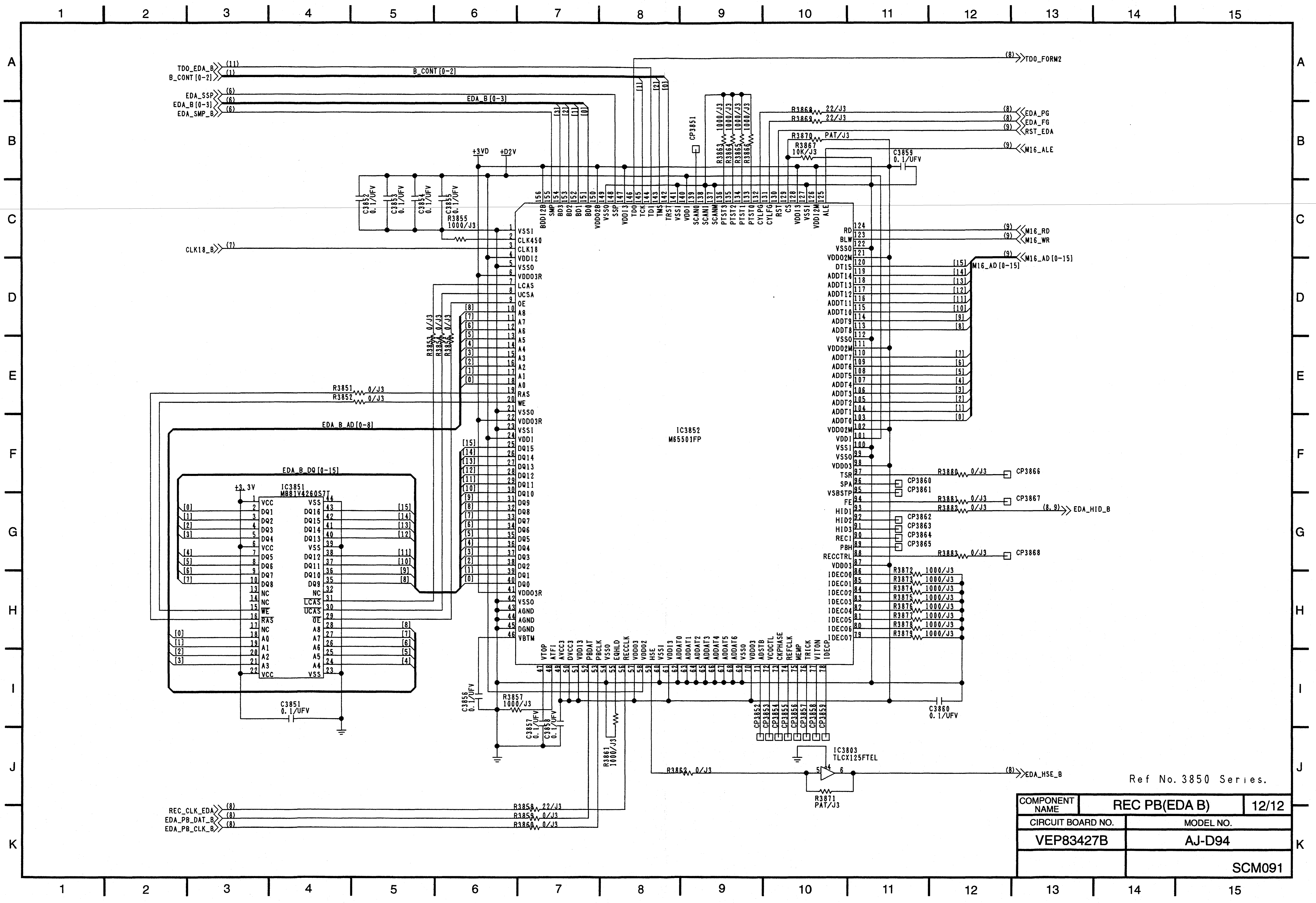
Ref No. 3770 Series.

COMPONENT NAME	REC PB(OUT BUFFER)	10/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM089	


IC3802
M65501FP
IC3801
MB81V4260S7T
IC3803
TLCX125FTEL
TDO_EDA_A
B_CONT[0-2]
EDA_SSP
EDA_A[0-3]
EDA_SMP_A
CLK18_A
EDA_A_AD[0-8]
EDA_A_DQ[0-15]
REC_CLK_EDA
EDA_PB_DAT_A
EDA_PB_CLK_A
TDO_EDA_B
EDA_PG
EDA_FG
RST_EDA
M16_ALE
M16_RD
M16_WR
M16_AD[0-15]
EDA_TSR
EDA_HID_A
RECINH_L
PB_H
EDA_HSE_A
+3VD
+D2V
+3.3V
C3801 0.1/UFV
C3808 0.1/UFV
C3810 0.1/UFV
C3811 0.1/UFV
R3820 PAT/J3
R3811 1000/J3
R3807 1000/J3
R3805 1000/J3

Ref No. 3800 Series.

COMPONENT NAME	REC PB(EDA A)	11/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM090	


1
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9
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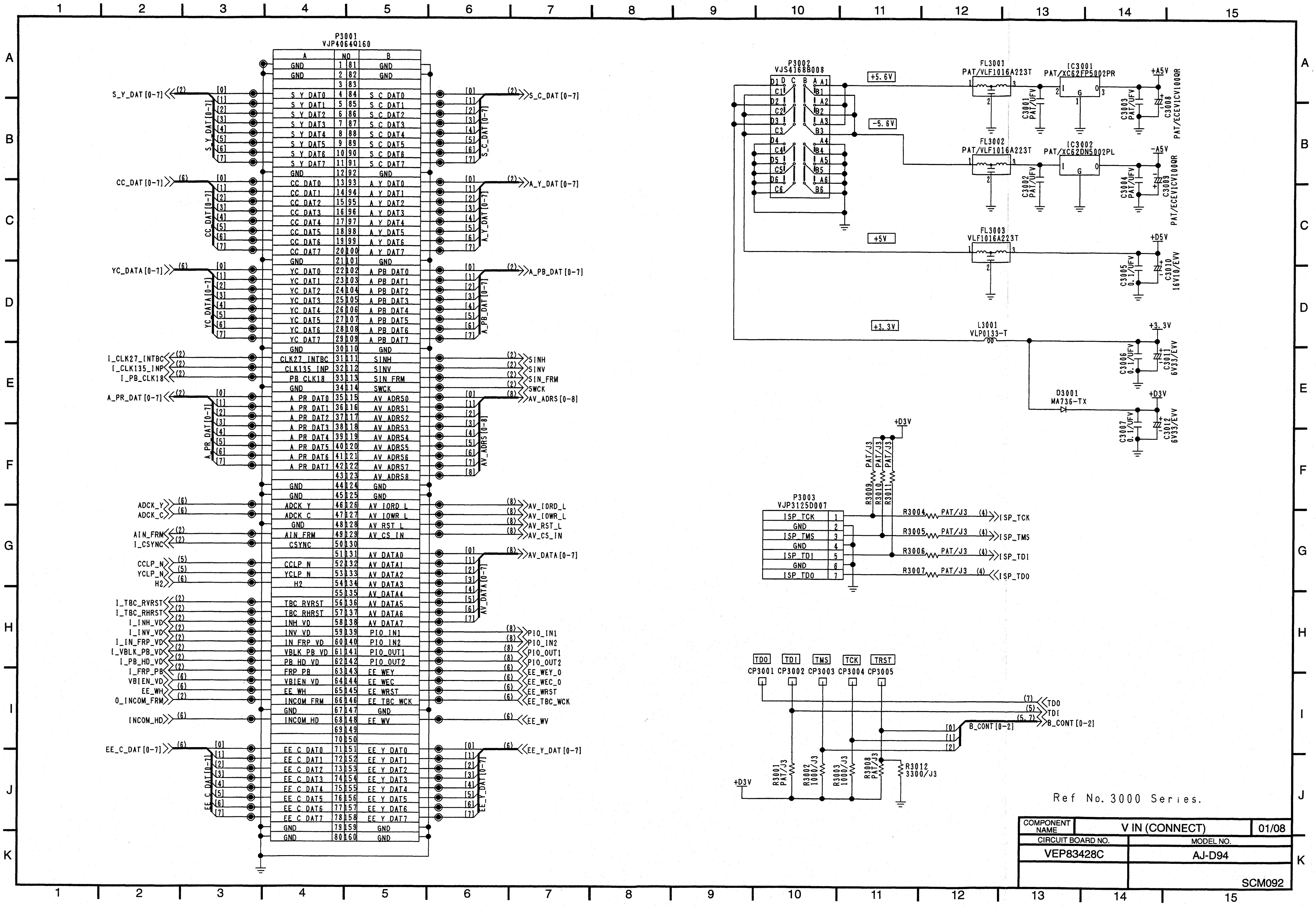
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K
TDO_EDA_B
B_CONT[0-2]
EDA_SSP
EDA_B[0-3]
EDA_SMP_B
CLK18_B
TDO_FORM2
EDA_PG
EDA_FG
RST_EDA
M16_ALE
M16_RD
M16_WR
M16_AD[0-15]
EDA_HID_B
EDA_HSE_B
REC_CLK_EDA
EDA_PB_DAT_B
EDA_PB_CLK_B
EDA_B_AD[0-8]
EDA_B_DQ[0-15]
+3VD
+D2V
+3.3V
IC3852
M65501FP
IC3851
MB81V4260S7T
IC3803
TLCX125FTEL
R3851 0/J3
R3852 0/J3
R3853 0/J3
R3854 0/J3
R3855 1000/J3
R3856 0/J3
R3857 1000/J3
R3858 22/J3
R3859 0/J3
R3860 0/J3
R3861 1000/J3
R3862 0/J3
R3863 1000/J3
R3864 1000/J3
R3865 1000/J3
R3866 1000/J3
R3867 10K/J3
R3868 22/J3
R3869 22/J3
R3870 PAT/J3
R3871 PAT/J3
R3872 1000/J3
R3873 1000/J3
R3874 1000/J3
R3875 1000/J3
R3876 1000/J3
R3877 1000/J3
R3878 1000/J3
R3879 1000/J3
R3880 0/J3
R3881 0/J3
R3882 0/J3
R3883 0/J3
C3851 0.1/UFV
C3852 0.1/UFV
C3853 0.1/UFV
C3854 0.1/UFV
C3855 0.1/UFV
C3856 0.1/UFV
C3857 0.1/UFV
C3858 0.1/UFV
C3859 0.1/UFV
C3860 0.1/UFV
CP3851
CP3852
CP3853
CP3854
CP3855
CP3856
CP3857
CP3858
CP3859
CP3860
CP3861
CP3862
CP3863
CP3864
CP3865
CP3866
CP3867
CP3868

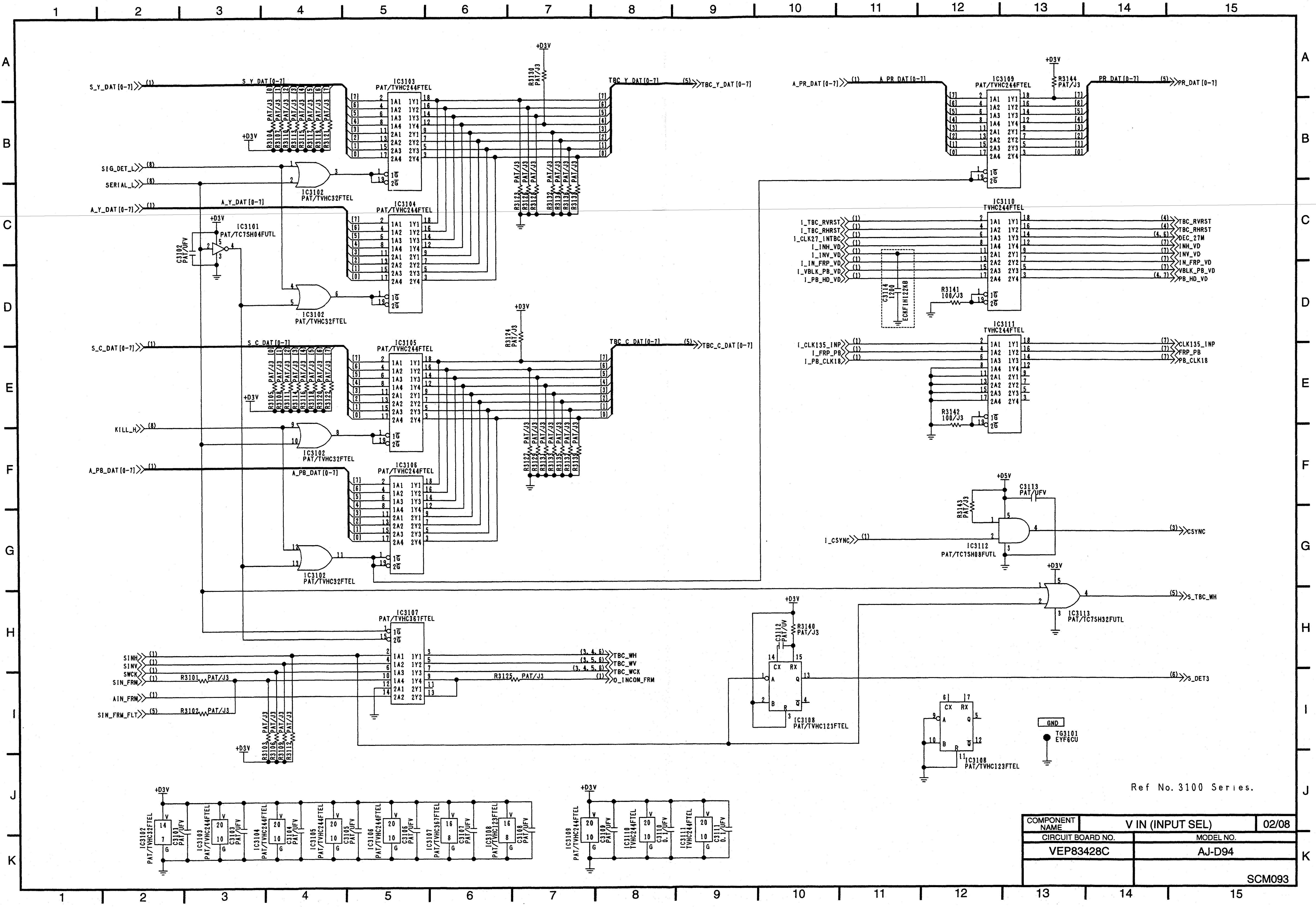
Ref No. 3850 Series.

COMPONENT NAME	REC PB(EDA B)	12/12
CIRCUIT BOARD NO.	MODEL NO.	
VEP83427B	AJ-D94	
	SCM091	


P3001
VJP4064Q160
A NO B
GND 1 81 GND
GND 2 82 GND
3 83
S_Y_DAT0 4 84 S_C_DAT0
S_Y_DAT1 5 85 S_C_DAT1
S_Y_DAT2 6 86 S_C_DAT2
S_Y_DAT3 7 87 S_C_DAT3
S_Y_DAT4 8 88 S_C_DAT4
S_Y_DAT5 9 89 S_C_DAT5
S_Y_DAT6 10 90 S_C_DAT6
S_Y_DAT7 11 91 S_C_DAT7
GND 12 92 GND
CC_DAT0 13 93 A_Y_DAT0
CC_DAT1 14 94 A_Y_DAT1
CC_DAT2 15 95 A_Y_DAT2
CC_DAT3 16 96 A_Y_DAT3
CC_DAT4 17 97 A_Y_DAT4
CC_DAT5 18 98 A_Y_DAT5
CC_DAT6 19 99 A_Y_DAT6
CC_DAT7 20 100 A_Y_DAT7
GND 21 101 GND
YC_DAT0 22 102 A_PB_DAT0
YC_DAT1 23 103 A_PB_DAT1
YC_DAT2 24 104 A_PB_DAT2
YC_DAT3 25 105 A_PB_DAT3
YC_DAT4 26 106 A_PB_DAT4
YC_DAT5 27 107 A_PB_DAT5
YC_DAT6 28 108 A_PB_DAT6
YC_DAT7 29 109 A_PB_DAT7
GND 30 110 GND
CLK27_INTBC 31 111 SINH
CLK135_INP 32 112 SINV
PB_CLK18 33 113 SIN_FRM
GND 34 114 SWCK
A_PR_DAT0 35 115 AV_ADRS0
A_PR_DAT1 36 116 AV_ADRS1
A_PR_DAT2 37 117 AV_ADRS2
A_PR_DAT3 38 118 AV_ADRS3
A_PR_DAT4 39 119 AV_ADRS4
A_PR_DAT5 40 120 AV_ADRS5
A_PR_DAT6 41 121 AV_ADRS6
A_PR_DAT7 42 122 AV_ADRS7
43 123 AV_ADRS8
GND 44 124 GND
GND 45 125 GND
ADCK_Y 46 126 AV_IORD_L
ADCK_C 47 127 AV_IOWR_L
GND 48 128 AV_RST_L
AIN_FRM 49 129 AV_CS_IN
CSYNC 50 130
51 131 AV_DATA0
CCLP_N 52 132 AV_DATA1
YCLP_N 53 133 AV_DATA2
H2 54 134 AV_DATA3
55 135 AV_DATA4
TBC_RVRST 56 136 AV_DATA5
TBC_RHRST 57 137 AV_DATA6
INH_VD 58 138 AV_DATA7
INV_VD 59 139 PIO_IN1
IN_FRP_VD 60 140 PIO_IN2
VBLK_PB_VD 61 141 PIO_OUT1
PB_HD_VD 62 142 PIO_OUT2
FRP_PB 63 143 EE_WEY
VBIEN_VD 64 144 EE_WEC
EE_WH 65 145 EE_WRST
INCOM_FRM 66 146 EE_TBC_WCK
GND 67 147 GND
INCOM_HD 68 148 EE_WV
69 149
70 150
EE_C_DAT0 71 151 EE_Y_DAT0
EE_C_DAT1 72 152 EE_Y_DAT1
EE_C_DAT2 73 153 EE_Y_DAT2
EE_C_DAT3 74 154 EE_Y_DAT3
EE_C_DAT4 75 155 EE_Y_DAT4
EE_C_DAT5 76 156 EE_Y_DAT5
EE_C_DAT6 77 157 EE_Y_DAT6
EE_C_DAT7 78 158 EE_Y_DAT7
GND 79 159 GND
GND 80 160 GND
S_Y_DAT[0-7] (2)
S_C_DAT[0-7] (2)
CC_DAT[0-7] (6)
A_Y_DAT[0-7] (2)
YC_DATA[0-7] (6)
A_PB_DAT[0-7] (2)
I_CLK27_INTBC (2)
I_CLK135_INP (2)
I_PB_CLK18 (2)
(2) SINH
(2) SINV
(2) SIN_FRM
(2) SWCK
A_PR_DAT[0-7] (2)
(8) AV_ADRS[0-8]
ADCK_Y (6)
ADCK_C (6)
(8) AV_IORD_L
(8) AV_IOWR_L
(8) AV_RST_L
(8) AV_CS_IN
AIN_FRM (2)
I_CSYNC (2)
(8) AV_DATA[0-7]
CCLP_N (5)
YCLP_N (5)
H2 (6)
I_TBC_RVRST (2)
I_TBC_RHRST (2)
I_INH_VD (2)
I_INV_VD (2)
I_IN_FRP_VD (2)
I_VBLK_PB_VD (2)
I_PB_HD_VD (2)
I_FRP_PB (2)
VBIEN_VD (6)
EE_WH (6)
O_INCOM_FRM (2)
INCOM_HD (6)
(8) PIO_IN1
(8) PIO_IN2
(8) PIO_OUT1
(8) PIO_OUT2
(6) EE_WEY_O
(6) EE_WEC_O
(6) EE_WRST
(6) EE_TBC_WCK
(6) EE_WV
EE_C_DAT[0-7] (6)
(6) EE_Y_DAT[0-7]
P3002
VJS4168B008
+5.6V
-5.6V
+5V
+3.3V
FL3001
PAT/VLF1016A223T
IC3001
PAT/XC62FP5002PR
+A5V
C3001 PAT/UFV
C3003 PAT/UFV
C3008 PAT/ECEV1CV100QR
FL3002
PAT/VLF1016A223T
IC3002
PAT/XC62DN5002PL
-A5V
C3002 PAT/UFV
C3004 PAT/UFV
C3009 PAT/ECEV1CV100QR
FL3003
VLF1016A223T
+D5V
C3005 0.1/UFV
C3010 16V10/EVV
L3001
VLP0133-T
+3.3V
C3006 0.1/UFV
C3011 6V33/EVV
D3001
MA736-TX
+D3V
C3007 0.1/UFV
C3012 6V33/EVV
+D3V
R3009 PAT/J3
R3010 PAT/J3
R3011 PAT/J3
P3003
VJP3125D007
ISP_TCK 1
GND 2
ISP_TMS 3
GND 4
ISP_TDI 5
GND 6
ISP_TDO 7
R3004 PAT/J3 (4) ISP_TCK
R3005 PAT/J3 (4) ISP_TMS
R3006 PAT/J3 (4) ISP_TDI
R3007 PAT/J3 (4) ISP_TDO
TDO TDI TMS TCK TRST
CP3001 CP3002 CP3003 CP3004 CP3005
(7) TDO
(5) TDI
(5, 7) B_CONT[0-2]
B_CONT[0-2]
+D3V
R3001 PAT/J3
R3002 1000/J3
R3003 1000/J3
R3008 PAT/J3
R3012 3300/J3

Ref No. 3000 Series.

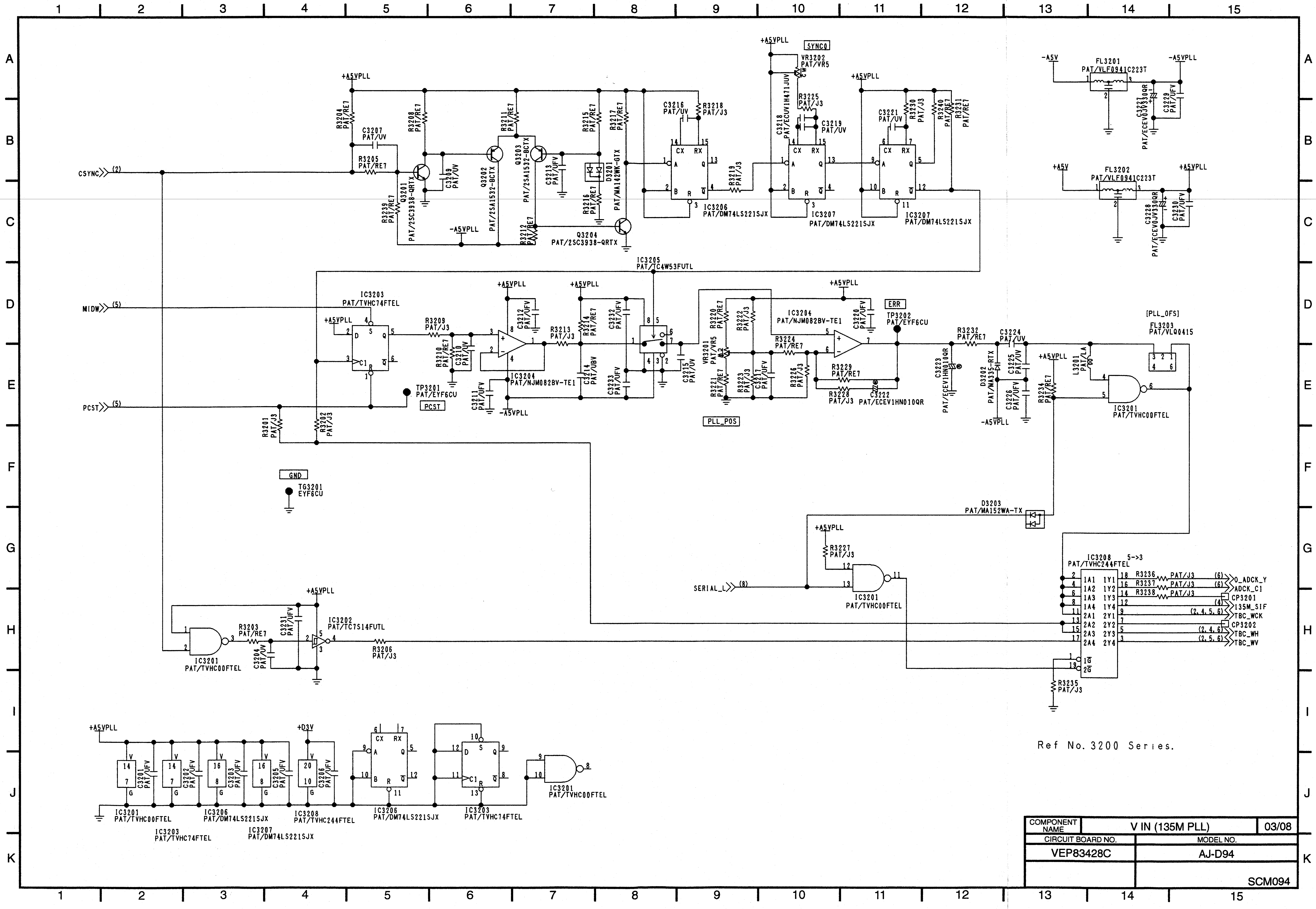
COMPONENT NAME	V IN (CONNECT)	01/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM092	


S_Y_DAT[0-7]
A_Y_DAT[0-7]
S_C_DAT[0-7]
A_PB_DAT[0-7]
SIG_DET_L
SERIAL_L
KILL_H
IC3101 PAT/TC7SH04FUTL
IC3102 PAT/TVHC32FTEL
IC3103 PAT/TVHC244FTEL
IC3104 PAT/TVHC244FTEL
IC3105 PAT/TVHC244FTEL
IC3106 PAT/TVHC244FTEL
IC3107 PAT/TVHC367FTEL
IC3108 PAT/TVHC123FTEL
IC3109 PAT/TVHC244FTEL
IC3110 TVHC244FTEL
IC3111 TVHC244FTEL
IC3112 PAT/TC7SH08FUTL
IC3113 PAT/TC7SH32FUTL
TBC_Y_DAT[0-7]
TBC_C_DAT[0-7]
A_PR_DAT[0-7]
PR_DAT[0-7]
I_TBC_RVRST
I_TBC_RHRST
I_CLK27_INTBC
I_INH_VD
I_INV_VD
I_IN_FRP_VD
I_VBLK_PB_VD
I_PB_HD_VD
TBC_RVRST
TBC_RHRST
DEC_27M
INH_VD
INV_VD
IN_FRP_VD
VBLK_PB_VD
PB_HD_VD
I_CLK135_INP
I_FRP_PB
I_PB_CLK18
CLK135_INP
FRP_PB
PB_CLK18
I_CSYNC
CSYNC
S_TBC_WH
S_DET3
SINH
SINV
SWCK
SIN_FRM
AIN_FRM
SIN_FRM_FLT
TBC_WH
TBC_WV
TBC_WCK
O_INCOM_FRM
R3101 PAT/J3
R3102 PAT/J3
R3125 PAT/J3
R3140 PAT/J3
R3141 100/J3
R3142 100/J3
R3143 PAT/J3
R3144 PAT/J3
C3112 PAT/UV
C3113 PAT/UFV
C3114 ECKF1H122KB
TG3101 EYF6CU
GND
+D3V
+D5V

Ref No. 3100 Series.

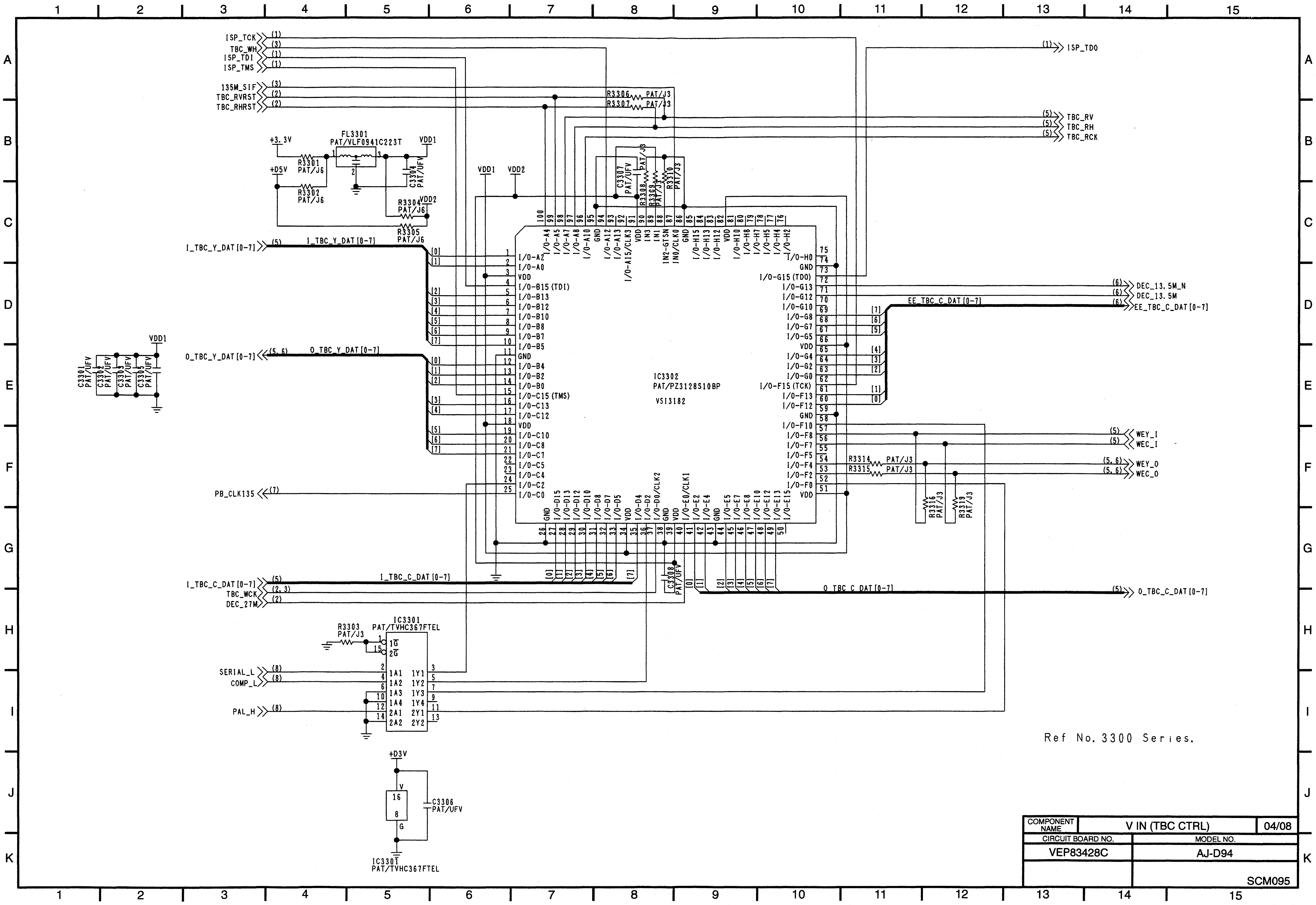
COMPONENT NAME	V IN (INPUT SEL)	02/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM093	

VIDE-V26967 / DRUCK102


CSYNC (2)
MIDW (5)
PCST (5)
SERIAL_L (8)
+A5VPLL
-A5VPLL
+A5V
-A5V
+D3V
SYNC0
ERR
PCST
GND
PLL_POS
[PLL_OFS]
Q3201 PAT/2SC3938-QRTX
Q3202 PAT/2SA1532-BCTX
Q3203 PAT/2SA1532-BCTX
Q3204 PAT/2SC3938-QRTX
D3201 PAT/MA142WK-GTX
D3202 PAT/MA335-RTX
D3203 PAT/MA152WA-TX
IC3201 PAT/TVHC00FTEL
IC3202 PAT/TC7S14FUTL
IC3203 PAT/TVHC74FTEL
IC3204 PAT/NJM082BV-TE1
IC3205 PAT/TC4W53FUTL
IC3206 PAT/DM74LS221SJX
IC3207 PAT/DM74LS221SJX
IC3208 PAT/TVHC244FTEL
VR3201 PAT/VR5
VR3202 PAT/VR5
FL3201 PAT/VLF0941C223T
FL3202 PAT/VLF0941C223T
FL3203 PAT/VLQ0415
L3201 PAT/LA
TP3201 PAT/EYF6CU
TP3202 PAT/EYF6CU
TG3201 EYF6CU
0_ADCK_Y
ADCK_C1
CP3201
135M_SIF
TBC_WCK
CP3202
TBC_WH
TBC_WV
5->3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

Ref No. 3200 Series.

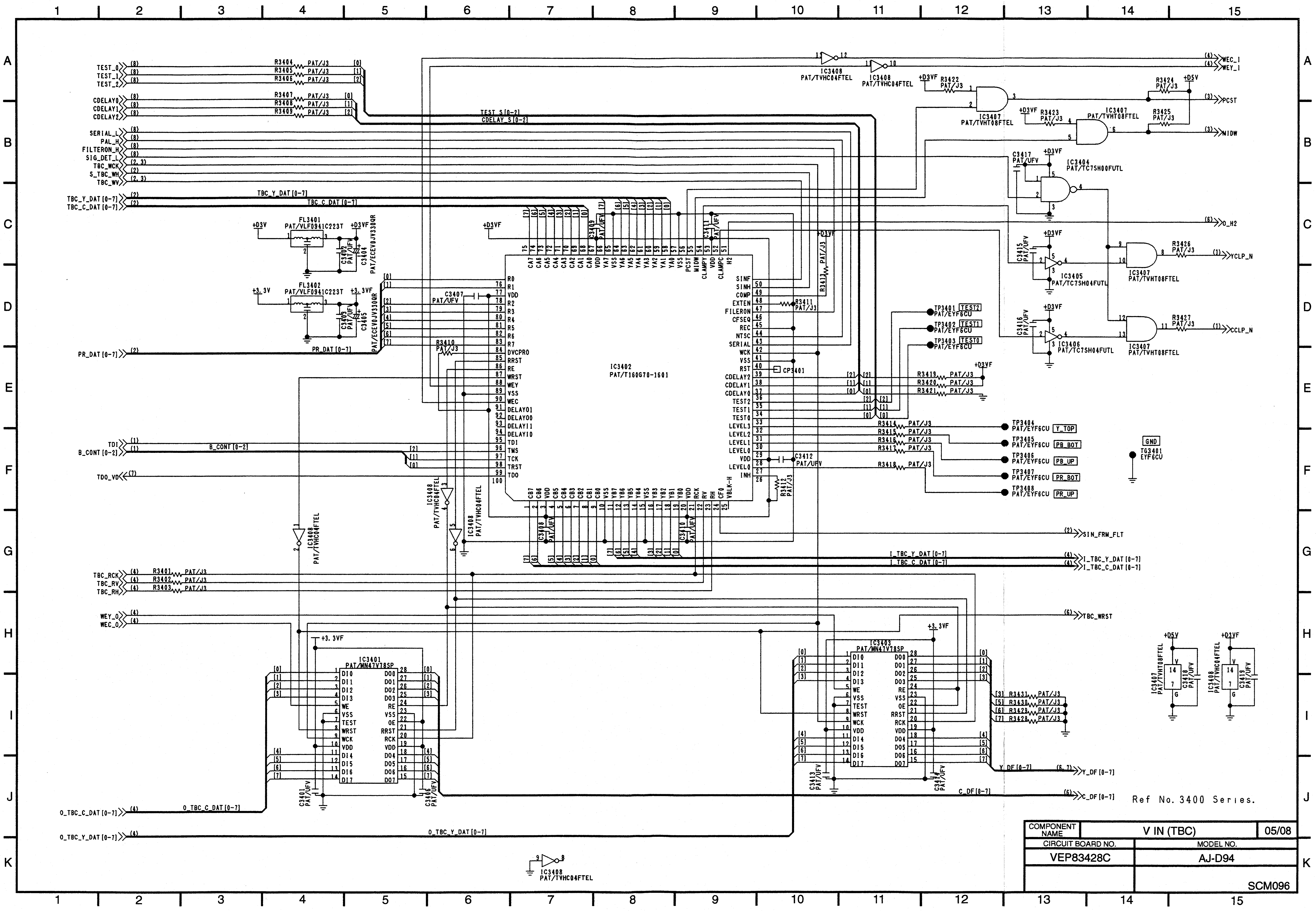
COMPONENT NAME	V IN (135M PLL)	03/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM094	


ISP_TCK
TBC_WH
ISP_TDI
ISP_TMS
135M_SIF
TBC_RVRST
TBC_RHRST
ISP_TDO
TBC_RV
TBC_RH
TBC_RCK
+3.3V
FL3301
PAT/VLF0941C223T
VDD1
R3301
PAT/J6
C3304
PAT/UFV
+D5V
R3302
PAT/J6
R3304
PAT/J6
VDD2
R3305
PAT/J6
R3306 PAT/J3
R3307 PAT/J3
C3307
PAT/UFV
R3308
R3309
R3310
PAT/J3
I_TBC_Y_DAT[0-7]
O_TBC_Y_DAT[0-7]
C3301
C3302
C3303
C3305
PAT/UFV
IC3302
PAT/PZ3128S10BP
VS13182
DEC_13.5M_N
DEC_13.5M
EE_TBC_C_DAT[0-7]
WEY_I
WEC_I
R3314 PAT/J3
R3315 PAT/J3
WEY_O
WEC_O
R3316
R3319
PAT/J3
PB_CLK135
I_TBC_C_DAT[0-7]
TBC_WCK
DEC_27M
C3308
PAT/UFV
O_TBC_C_DAT[0-7]
IC3301
PAT/TVHC367FTEL
R3303
PAT/J3
SERIAL_L
COMP_L
PAL_H
+D3V
C3306
PAT/UFV
IC3301
PAT/TVHC367FTEL

Ref No. 3300 Series.

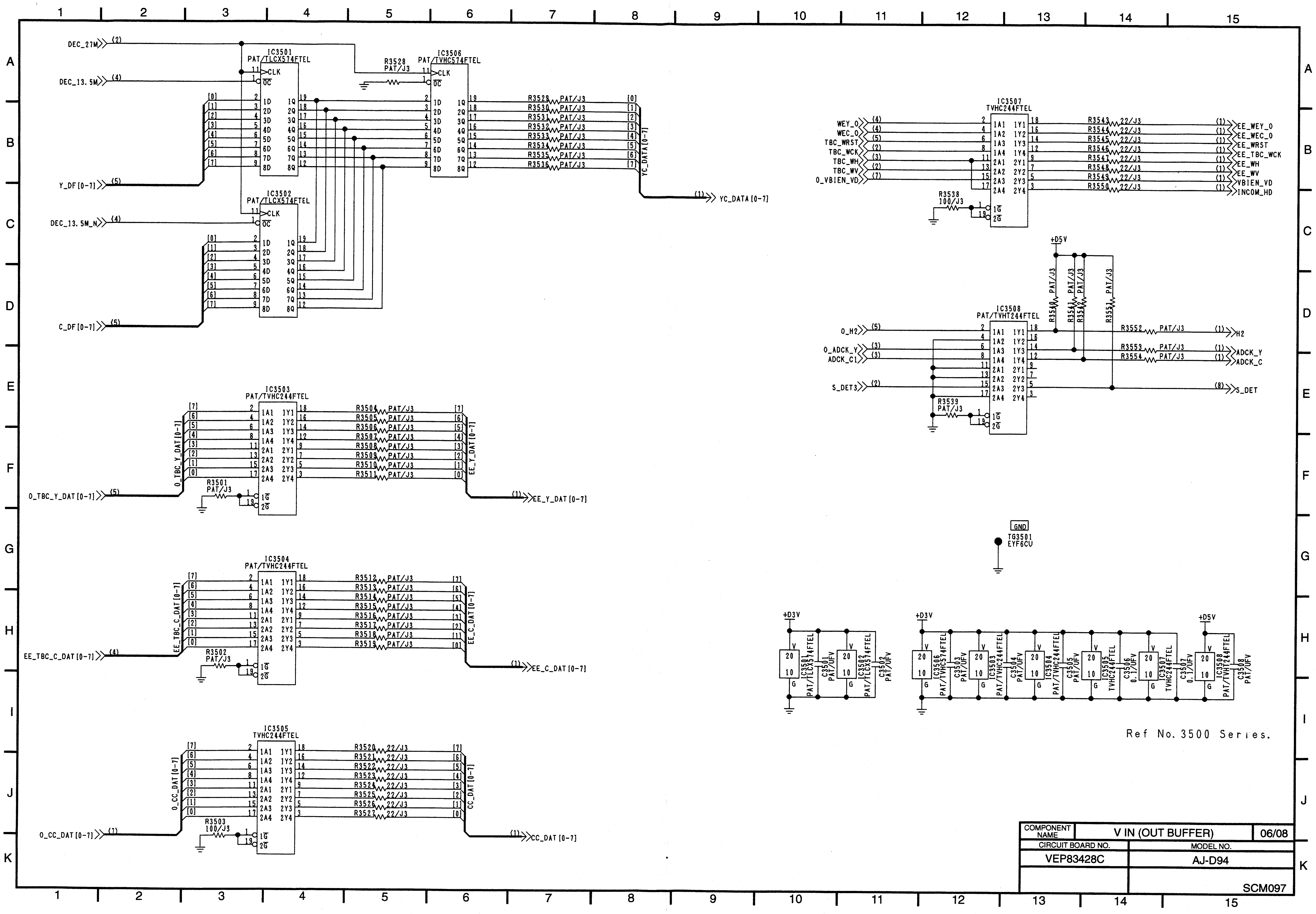
COMPONENT NAME	V IN (TBC CTRL)	04/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM095	

'IDE-V26967 / DRUCK104


TEST_0
TEST_1
TEST_2
CDELAY0
CDELAY1
CDELAY2
SERIAL_L
PAL_H
FILTERON_H
SIG_DET_L
TBC_WCK
S_TBC_WH
TBC_WV
TBC_Y_DAT [0-7]
TBC_C_DAT [0-7]
PR_DAT [0-7]
TDI
B_CONT [0-2]
TDO_VD
TBC_RCK
TBC_RV
TBC_RH
WEY_O
WEC_O
O_TBC_C_DAT [0-7]
O_TBC_Y_DAT [0-7]
R3404 PAT/J3
R3405 PAT/J3
R3406 PAT/J3
R3407 PAT/J3
R3408 PAT/J3
R3409 PAT/J3
TEST_S [0-2]
CDELAY_S [0-2]
IC3408 PAT/TVHC04FTEL
IC3407 PAT/TVHT08FTEL
IC3404 PAT/TC7SH00FUTL
IC3405 PAT/TC7SH04FUTL
IC3406 PAT/TC7SH04FUTL
WEC_I
WEY_I
PCST
NIDW
O_H2
YCLP_N
CCLP_N
R3422 PAT/J3
R3423 PAT/J3
R3424 PAT/J3
R3425 PAT/J3
R3426 PAT/J3
R3427 PAT/J3
+D3VF
+D5V
+3.3V
+3.3VF
FL3401 PAT/VLF0941C223T
FL3402 PAT/VLF0941C223T
C3404 PAT/ECEV0JV330QR
C3405 PAT/ECEV0JV330QR
C3407 PAT/UFV
C3417 PAT/UFV
C3415 PAT/UFV
C3416 PAT/UFV
IC3402 PAT/T160G70-1601
CP3401
R3410 PAT/J3
R3411 PAT/J3
R3412 PAT/J3
R3413 PAT/J3
C3412 PAT/UFV
TP3401 PAT/EYF6CU TEST2
TP3402 PAT/EYF6CU TEST1
TP3403 PAT/EYF6CU TEST0
R3419 PAT/J3
R3420 PAT/J3
R3421 PAT/J3
R3414 PAT/J3
R3415 PAT/J3
R3416 PAT/J3
R3417 PAT/J3
R3418 PAT/J3
TP3404 PAT/EYF6CU Y_TOP
TP3405 PAT/EYF6CU PB_BOT
TP3406 PAT/EYF6CU PB_UP
TP3407 PAT/EYF6CU PR_BOT
TP3408 PAT/EYF6CU PR_UP
GND
TG3401 EYF6CU
SIN_FRM_FLT
I_TBC_Y_DAT [0-7]
I_TBC_C_DAT [0-7]
TBC_WRST
R3401 PAT/J3
R3402 PAT/J3
R3403 PAT/J3
IC3401 PAT/MN47V78SP
IC3403 PAT/MN47V78SP
C3401 PAT/UFV
C3406 PAT/UFV
C3413 PAT/UFV
C3414 PAT/UFV
C3418 PAT/UFV
C3419 PAT/UFV
R3428 PAT/J3
R3429 PAT/J3
R3430 PAT/J3
R3431 PAT/J3
Y_DF [0-7]
C_DF [0-7]

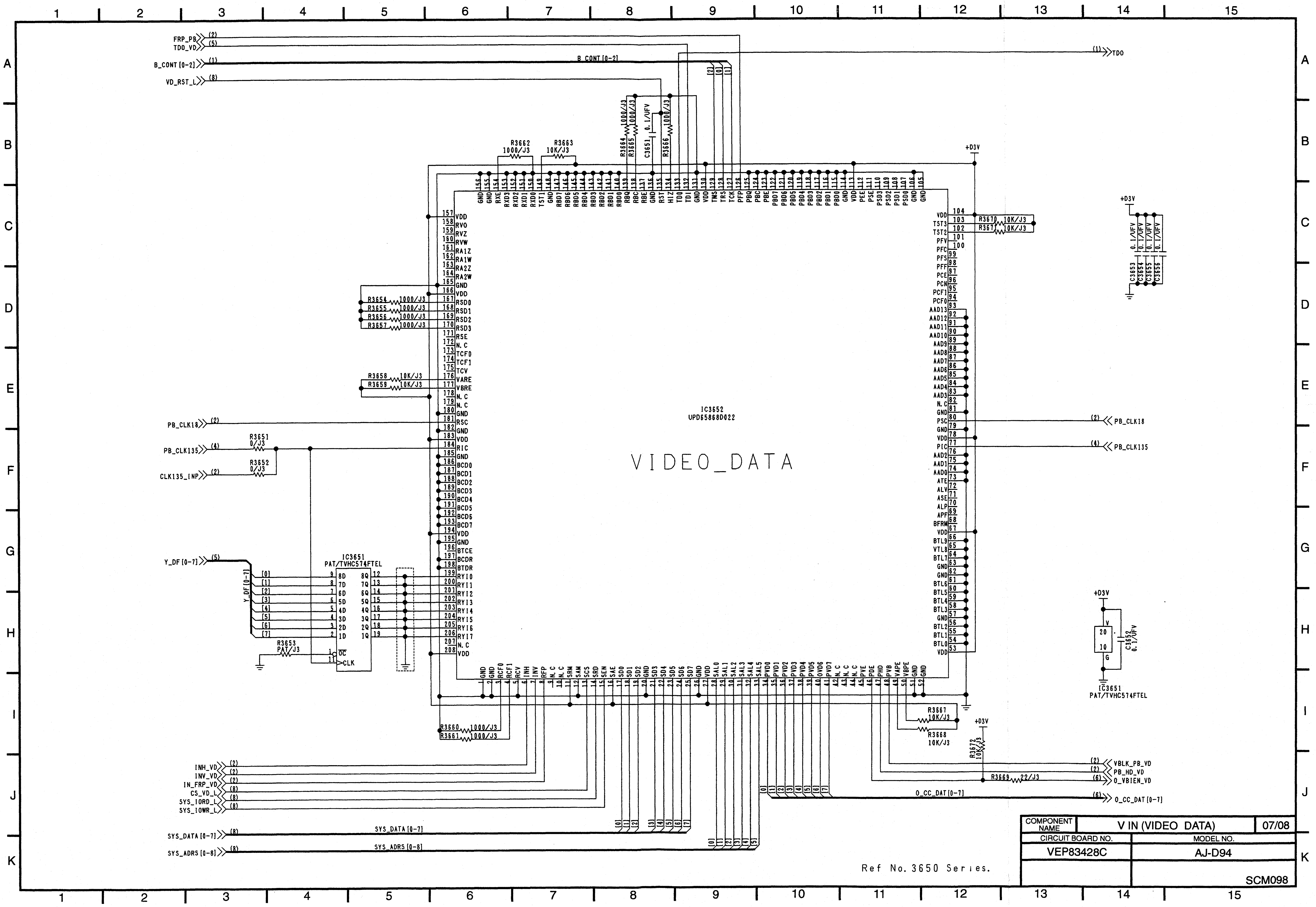
Ref No. 3400 Series.

COMPONENT NAME	V IN (TBC)	05/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM096	


IC3501
PAT/TLCX574FTEL
IC3502
PAT/TLCX574FTEL
IC3506
PAT/TVHC574FTEL
R3528
PAT/J3
DEC_27M
DEC_13.5M
DEC_13.5M_N
Y_DF[0-7]
C_DF[0-7]
YC_DATA[0-7]
R3529 PAT/J3
R3530 PAT/J3
R3531 PAT/J3
R3532 PAT/J3
R3533 PAT/J3
R3534 PAT/J3
R3535 PAT/J3
R3536 PAT/J3
IC3503
PAT/TVHC244FTEL
O_TBC_Y_DAT[0-7]
EE_Y_DAT[0-7]
R3501
PAT/J3
R3504 PAT/J3
R3505 PAT/J3
R3506 PAT/J3
R3507 PAT/J3
R3508 PAT/J3
R3509 PAT/J3
R3510 PAT/J3
R3511 PAT/J3
IC3504
PAT/TVHC244FTEL
EE_TBC_C_DAT[0-7]
EE_C_DAT[0-7]
R3502
PAT/J3
R3512 PAT/J3
R3513 PAT/J3
R3514 PAT/J3
R3515 PAT/J3
R3516 PAT/J3
R3517 PAT/J3
R3518 PAT/J3
R3519 PAT/J3
IC3505
TVHC244FTEL
O_CC_DAT[0-7]
CC_DAT[0-7]
R3503
100/J3
R3520 22/J3
R3521 22/J3
R3522 22/J3
R3523 22/J3
R3524 22/J3
R3525 22/J3
R3526 22/J3
R3527 22/J3
IC3507
TVHC244FTEL
WEY_O
WEC_O
TBC_WRST
TBC_WCK
TBC_WH
TBC_WV
O_VBIEN_VD
R3538
100/J3
R3543 22/J3
R3544 22/J3
R3545 22/J3
R3546 22/J3
R3547 22/J3
R3548 22/J3
R3549 22/J3
R3550 22/J3
EE_WEY_O
EE_WEC_O
EE_WRST
EE_TBC_WCK
EE_WH
EE_WV
VBIEN_VD
INCOM_HD
+D5V
R3540 PAT/J3
R3541 PAT/J3
R3542 PAT/J3
R3551 PAT/J3
IC3508
PAT/TVHT244FTEL
O_H2
O_ADCK_Y
ADCK_C
S_DET3
R3539
PAT/J3
R3552 PAT/J3
R3553 PAT/J3
R3554 PAT/J3
H2
ADCK_Y
ADCK_C
S_DET
GND
TG3501
EYF6CU
+D3V
IC3501 PAT/TLCX574FTEL
C3501 PAT/UFV
IC3502 PAT/TLCX574FTEL
C3502 PAT/UFV
IC3506 PAT/TVHC574FTEL
C3503 PAT/UFV
IC3503 PAT/TVHC244FTEL
C3504 PAT/UFV
IC3504 PAT/TVHC244FTEL
C3505 PAT/UFV
IC3505 TVHC244FTEL
C3506 0.1/UFV
IC3507 TVHC244FTEL
C3507 0.1/UFV
IC3508 PAT/TVHT244FTEL
C3508 PAT/UFV

Ref No. 3500 Series.

COMPONENT NAME	V IN (OUT BUFFER)	06/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM097	


FRP_PB
TDO_VD
B_CONT [0-2]
VD_RST_L
TDO
R3662 1000/J3
R3663 10K/J3
R3664 1000/J3
R3665 1000/J3
C3651 0.1/UFV
R3666 1000/J3
+D3V
R3670 10K/J3
R3671 10K/J3
C3653 0.1/UFV
C3654 0.1/UFV
C3655 0.1/UFV
C3656 0.1/UFV
R3654 1000/J3
R3655 1000/J3
R3656 1000/J3
R3657 1000/J3
R3658 10K/J3
R3659 10K/J3
IC3652
UPD65868D022
VIDEO_DATA
PB_CLK18
PB_CLK135
CLK135_INP
R3651 0/J3
R3652 0/J3
Y_DF [0-7]
IC3651
PAT/TVHC574FTEL
R3653 PAT/J3
OC
CLK
C3652 0.1/UFV
R3660 1000/J3
R3661 1000/J3
R3667 10K/J3
R3668 10K/J3
R3672 10K/J3
R3669 22/J3
INH_VD
INV_VD
IN_FRP_VD
CS_VD_L
SYS_IORD_L
SYS_IOWR_L
SYS_DATA [0-7]
SYS_ADRS [0-8]
VBLK_PB_VD
PB_HD_VD
O_VBIEN_VD
O_CC_DAT [0-7]

COMPONENT NAME	V IN (VIDEO DATA)	07/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	
	SCM098	

Ref No. 3650 Series.

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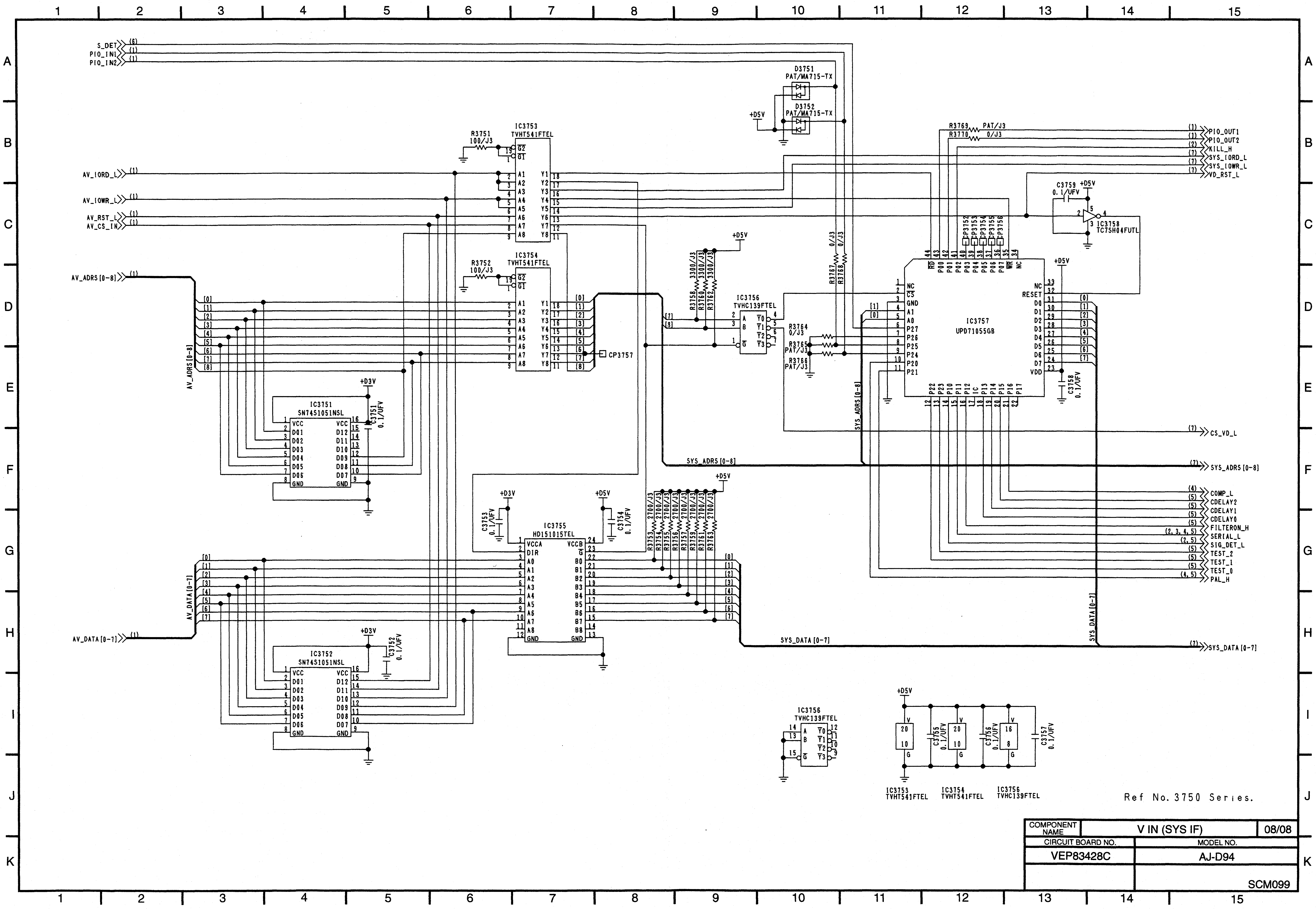
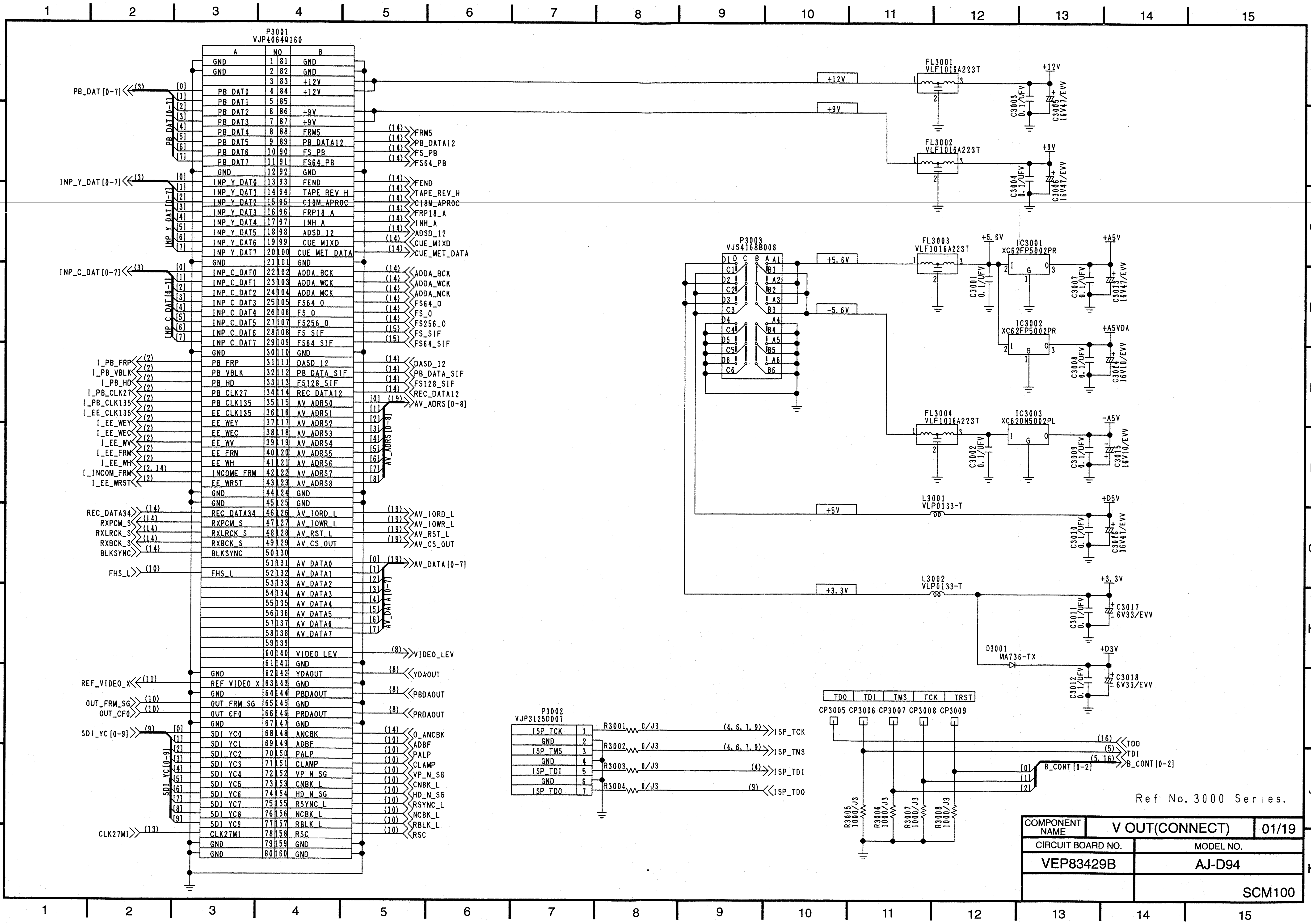

S_DET
PIO_IN1
PIO_IN2
D3751
PAT/MA715-TX
D3752
PAT/MA715-TX
+D5V
R3751
100/J3
IC3753
TVHT541FTEL
R3752
100/J3
IC3754
TVHT541FTEL
AV_IORD_L
AV_IOWR_L
AV_RST_L
AV_CS_IN
AV_ADRS[0-8]
AV_ADRS[0-8]
CP3757
IC3751
SN74S1051NSL
+D3V
C3751
0.1/UFV
R3758 3300/J3
R3760 3300/J3
R3762 3300/J3
IC3756
TVHC139FTEL
R3764
0/J3
R3765
PAT/J3
R3766
PAT/J3
R3767 0/J3
R3768 0/J3
R3769 PAT/J3
R3770 0/J3
CP3752
CP3753
CP3754
CP3755
CP3756
IC3757
UPD71055GB
C3759
0.1/UFV
IC3758
TC7SH04FUTL
C3758
0.1/UFV
PIO_OUT1
PIO_OUT2
KILL_H
SYS_IORD_L
SYS_IOWR_L
VD_RST_L
CS_VD_L
SYS_ADRS[0-8]
SYS_ADRS[0-8]
COMP_L
CDELAY2
CDELAY1
CDELAY0
FILTERON_H
SERIAL_L
SIG_DET_L
TEST_2
TEST_1
TEST_0
PAL_H
IC3755
HD151015TEL
C3753
0.1/UFV
C3754
0.1/UFV
R3753 – R3763 2700/J3
AV_DATA[0-7]
AV_DATA[0-7]
IC3752
SN74S1051NSL
C3752
0.1/UFV
SYS_DATA[0-7]
SYS_DATA[0-7]
C3755
0.1/UFV
C3756
0.1/UFV
C3757
0.1/UFV
IC3753
TVHT541FTEL
IC3754
TVHT541FTEL
IC3756
TVHC139FTEL

Ref No. 3750 Series.

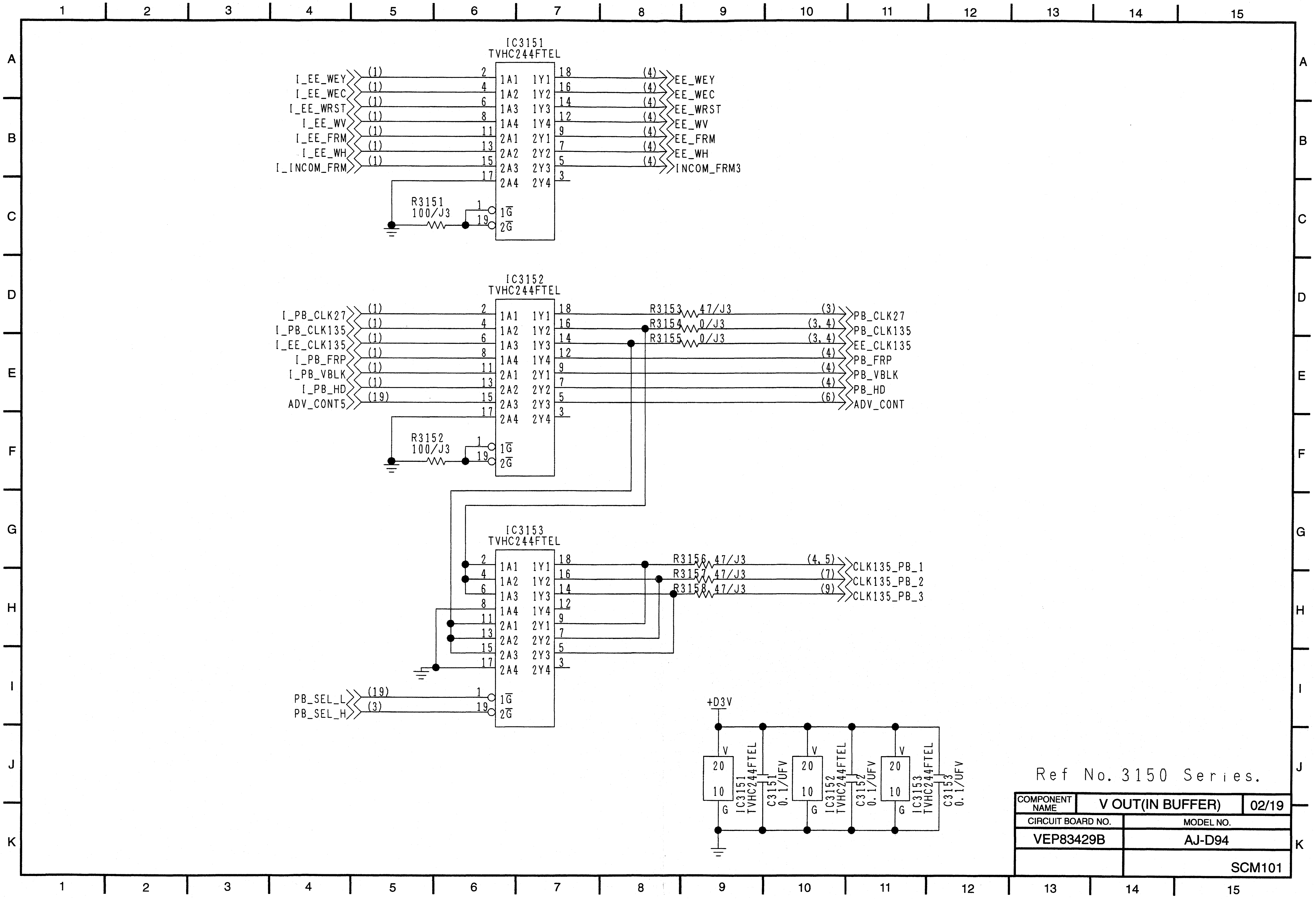
COMPONENT NAME	V IN (SYS IF)	08/08
CIRCUIT BOARD NO.	MODEL NO.	
VEP83428C	AJ-D94	

SCM099


P3001
VJP4064Q160
PB_DAT[0-7]
INP_Y_DAT[0-7]
INP_C_DAT[0-7]
I_PB_FRP
I_PB_VBLK
I_PB_HD
I_PB_CLK27
I_PB_CLK135
I_EE_CLK135
I_EE_WEY
I_EE_WEC
I_EE_WV
I_EE_FRM
I_EE_WH
I_INCOME_FRM
I_EE_WRST
REC_DATA34
RXPCM_S
RXLRCK_S
RXBCK_S
BLKSYNC
FHS_L
REF_VIDEO_X
OUT_FRM_SG
OUT_CF0
SDI_YC[0-9]
CLK27M1
FRM5
PB_DATA12
FS_PB
FS64_PB
FEND
TAPE_REV_H
C18M_APROC
FRP18_A
INH_A
ADSD_12
CUE_MIXD
CUE_MET_DATA
ADDA_BCK
ADDA_WCK
ADDA_MCK
FS64_0
FS_0
FS256_0
FS_SIF
FS64_SIF
DASD_12
PB_DATA_SIF
FS128_SIF
REC_DATA12
AV_ADRS[0-8]
AV_IORD_L
AV_IOWR_L
AV_RST_L
AV_CS_OUT
AV_DATA[0-7]
VIDEO_LEV
YDAOUT
PBDAOUT
PRDAOUT
O_ANCBK
ADBF
PALP
CLAMP
VP_N_SG
CNBK_L
HD_N_SG
RSYNC_L
NCBK_L
RBLK_L
RSC
FL3001 VLF1016A223T
FL3002 VLF1016A223T
FL3003 VLF1016A223T
FL3004 VLF1016A223T
+12V
+9V
+5.6V
-5.6V
+5V
+3.3V
C3003 0.1/UFV
C3005 16V47/EVV
C3004 0.1/UFV
C3006 16V47/EVV
P3003
VJS4168B008
IC3001 XC62FP5002PR
IC3002 XC62FP5002PR
IC3003 XC62DN5002PL
+A5V
+A5VDA
-A5V
C3001 0.1/UFV
C3002 0.1/UFV
C3007 0.1/UFV
C3013 16V47/EVV
C3008 0.1/UFV
C3014 16V10/EVV
C3009 0.1/UFV
C3015 16V10/EVV
L3001 VLP0133-T
+D5V
C3010 0.1/UFV
C3016 16V47/EVV
L3002 VLP0133-T
+3.3V
C3011 0.1/UFV
C3017 6V33/EVV
D3001 MA736-TX
+D3V
C3012 0.1/UFV
C3018 6V33/EVV
P3002
VJP3125D007
ISP_TCK
GND
ISP_TMS
GND
ISP_TDI
GND
ISP_TDO
R3001 0/J3
R3002 0/J3
R3003 0/J3
R3004 0/J3
TDO
TDI
TMS
TCK
TRST
CP3005 CP3006 CP3007 CP3008 CP3009
B_CONT[0-2]
R3005 1000/J3
R3006 1000/J3
R3007 1000/J3
R3008 1000/J3

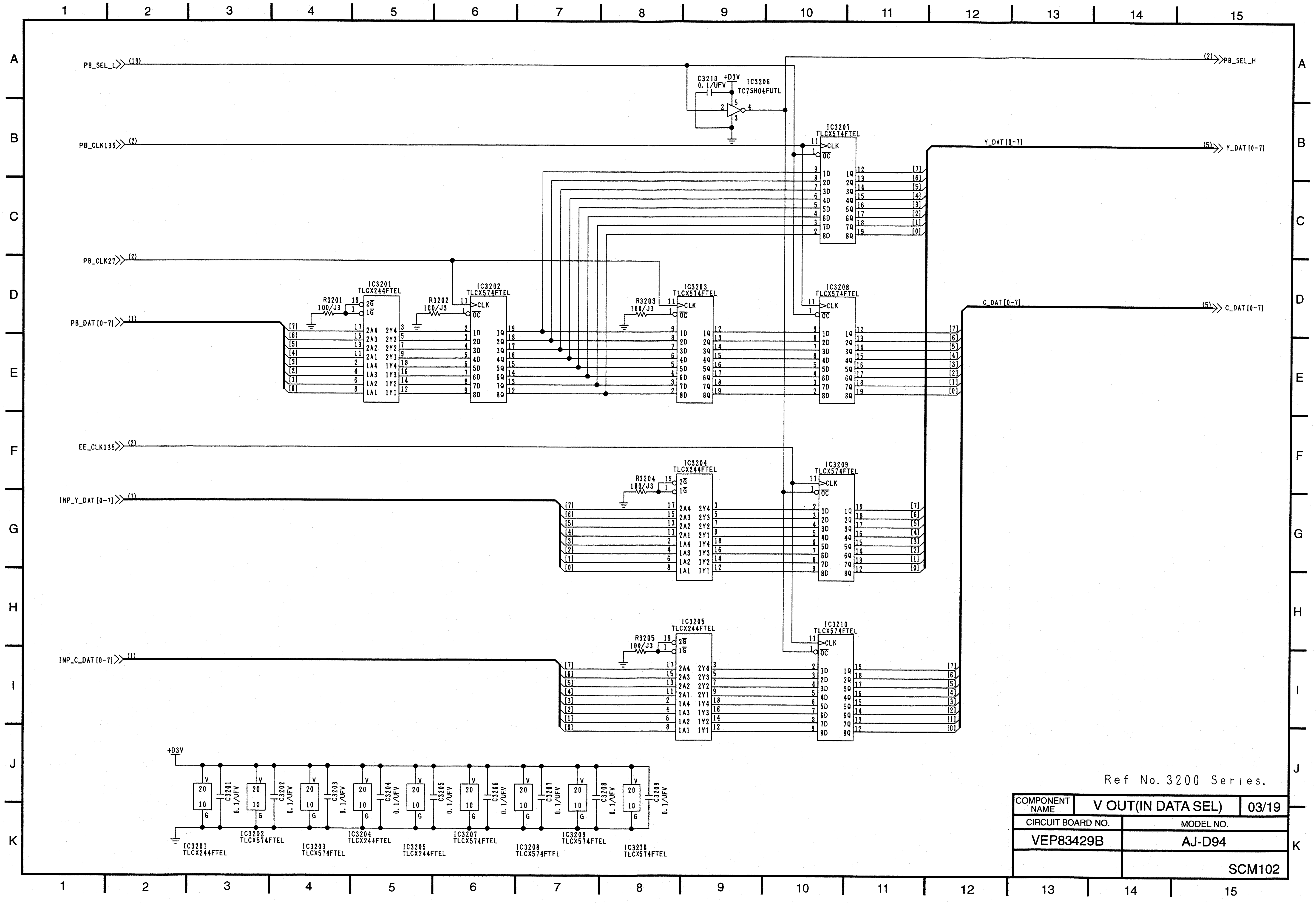
Ref No. 3000 Series.

COMPONENT NAME	V OUT(CONNECT)	01/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM100	


IC3151
TVHC244FTEL
I_EE_WEY
I_EE_WEC
I_EE_WRST
I_EE_WV
I_EE_FRM
I_EE_WH
I_INCOM_FRM
(1)
1A1 1A2 1A3 1A4 2A1 2A2 2A3 2A4
1Y1 1Y2 1Y3 1Y4 2Y1 2Y2 2Y3 2Y4
1G
2G
(4)
EE_WEY
EE_WEC
EE_WRST
EE_WV
EE_FRM
EE_WH
INCOM_FRM3
R3151
100/J3
IC3152
TVHC244FTEL
I_PB_CLK27
I_PB_CLK135
I_EE_CLK135
I_PB_FRP
I_PB_VBLK
I_PB_HD
ADV_CONT5
(19)
R3153 47/J3
R3154 0/J3
R3155 0/J3
(3)
(3, 4)
(6)
PB_CLK27
PB_CLK135
EE_CLK135
PB_FRP
PB_VBLK
PB_HD
ADV_CONT
R3152
100/J3
IC3153
TVHC244FTEL
R3156 47/J3
R3157 47/J3
R3158 47/J3
(4, 5)
(7)
(9)
CLK135_PB_1
CLK135_PB_2
CLK135_PB_3
PB_SEL_L
PB_SEL_H
+D3V
V
20
10
G
IC3151 TVHC244FTEL
C3151 0.1/UFV
IC3152 TVHC244FTEL
C3152 0.1/UFV
IC3153 TVHC244FTEL
C3153 0.1/UFV
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

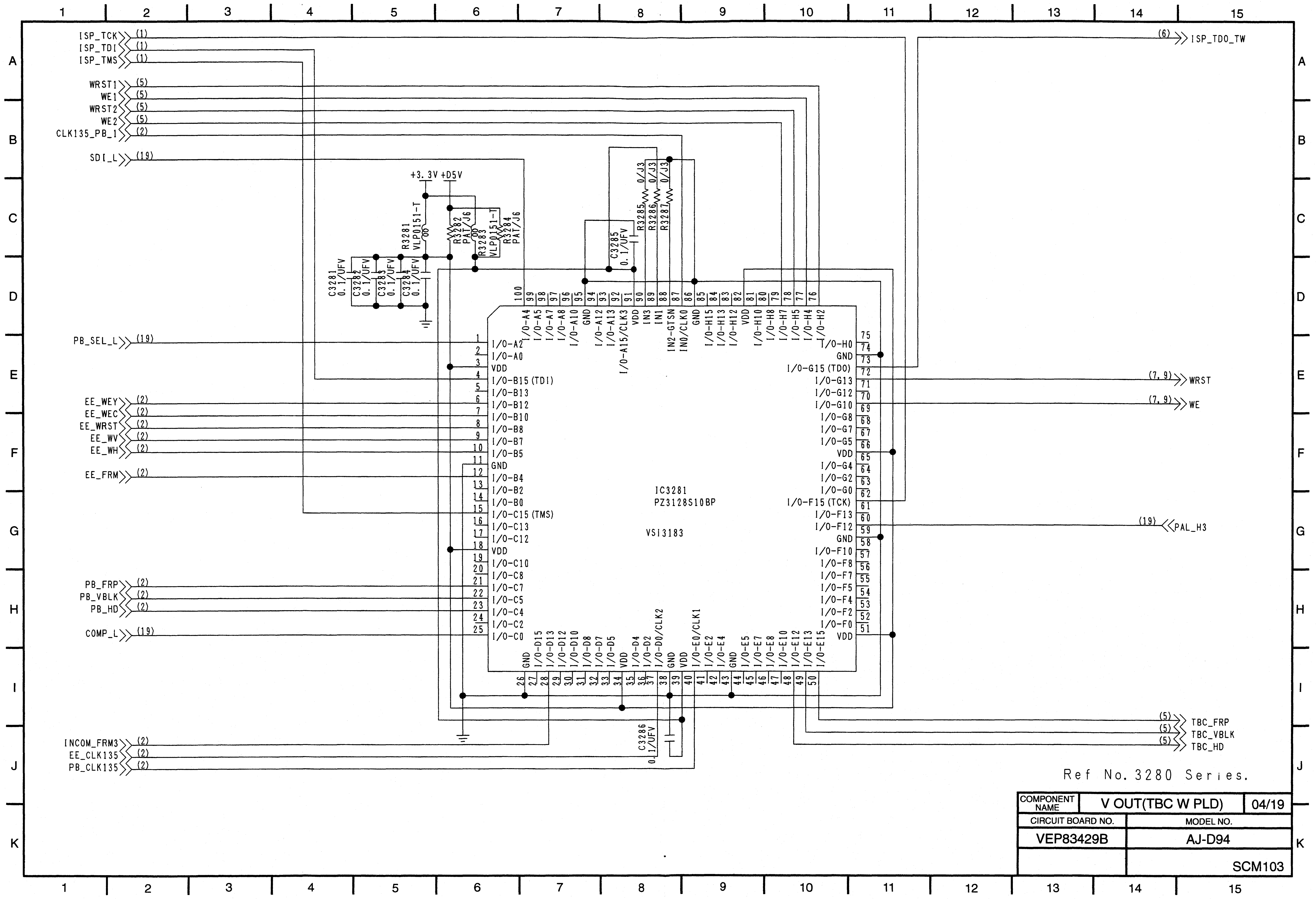
Ref No. 3150 Series.

COMPONENT NAME	V OUT(IN BUFFER)	02/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM101	


PB_SEL_L (19)
(2) PB_SEL_H
C3210 0.1/UFV
+D3V
IC3206 TC7SH04FUTL
PB_CLK135 (2)
IC3207 TLCX574FTEL
Y_DAT [0-7]
(5) Y_DAT [0-7]
PB_CLK27 (2)
IC3201 TLCX244FTEL
R3201 100/J3
IC3202 TLCX574FTEL
R3202 100/J3
IC3203 TLCX574FTEL
R3203 100/J3
IC3208 TLCX574FTEL
C_DAT [0-7]
(5) C_DAT [0-7]
PB_DAT [0-7] (1)
EE_CLK135 (2)
IC3204 TLCX244FTEL
R3204 100/J3
IC3209 TLCX574FTEL
INP_Y_DAT [0-7] (1)
IC3205 TLCX244FTEL
R3205 100/J3
IC3210 TLCX574FTEL
INP_C_DAT [0-7] (1)
+D3V
C3201 0.1/UFV
C3202 0.1/UFV
C3203 0.1/UFV
C3204 0.1/UFV
C3205 0.1/UFV
C3206 0.1/UFV
C3207 0.1/UFV
C3208 0.1/UFV
C3209 0.1/UFV
IC3201 TLCX244FTEL
IC3202 TLCX574FTEL
IC3203 TLCX574FTEL
IC3204 TLCX244FTEL
IC3205 TLCX244FTEL
IC3207 TLCX574FTEL
IC3208 TLCX574FTEL
IC3209 TLCX574FTEL
IC3210 TLCX574FTEL

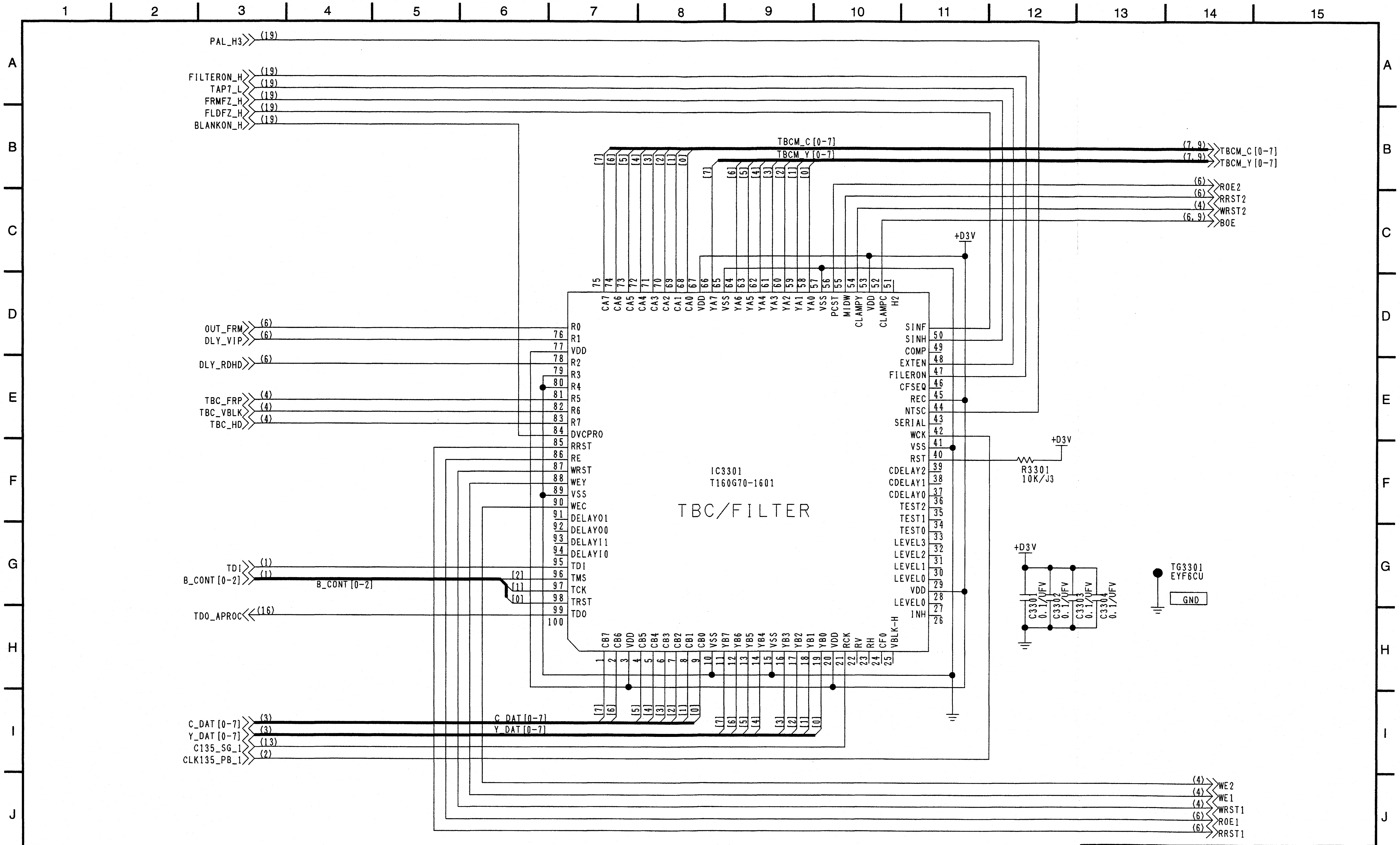
Ref No. 3200 Series.

COMPONENT NAME	V OUT(IN DATA SEL)	03/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM102	


ISP_TCK (1)
ISP_TDI (1)
ISP_TMS (1)
WRST1 (5)
WE1 (5)
WRST2 (5)
WE2 (5)
CLK135_PB_1 (2)
SDI_L (19)
PB_SEL_L (19)
EE_WEY (2)
EE_WEC (2)
EE_WRST (2)
EE_WV (2)
EE_WH (2)
EE_FRM (2)
PB_FRP (2)
PB_VBLK (2)
PB_HD (2)
COMP_L (19)
INCOM_FRM3 (2)
EE_CLK135 (2)
PB_CLK135 (2)
(6) ISP_TDO_TW
(7, 9) WRST
(7, 9) WE
(19) PAL_H3
(5) TBC_FRP
(5) TBC_VBLK
(5) TBC_HD
+3.3V
+D5V
R3281 VLP0151-T
R3282 PAT/J6
R3283 VLP0151-T
R3284 PAT/J6
C3281 0.1/UFV
C3282 0.1/UFV
C3283 0.1/UFV
C3284 0.1/UFV
C3285 0.1/UFV
C3286 0.1/UFV
R3285 0/J3
R3286 0/J3
R3287 0/J3
IC3281
PZ3128S10BP
VS13183
1 I/O-A2
2 I/O-A0
3 VDD
4 I/O-B15 (TDI)
5 I/O-B13
6 I/O-B12
7 I/O-B10
8 I/O-B8
9 I/O-B7
10 I/O-B5
11 GND
12 I/O-B4
13 I/O-B2
14 I/O-B0
15 I/O-C15 (TMS)
16 I/O-C13
17 I/O-C12
18 VDD
19 I/O-C10
20 I/O-C8
21 I/O-C7
22 I/O-C5
23 I/O-C4
24 I/O-C2
25 I/O-C0
26 GND
27 I/O-D15
28 I/O-D13
29 I/O-D12
30 I/O-D10
31 I/O-D8
32 I/O-D7
33 I/O-D5
34 VDD
35 I/O-D4
36 I/O-D2
37 I/O-D0/CLK2
38 GND
39 VDD
40 I/O-E0/CLK1
41 I/O-E2
42 I/O-E4
43 GND
44 I/O-E5
45 I/O-E7
46 I/O-E8
47 I/O-E10
48 I/O-E12
49 I/O-E13
50 I/O-E15
51 VDD
52 I/O-F0
53 I/O-F2
54 I/O-F4
55 I/O-F5
56 I/O-F7
57 I/O-F8
58 I/O-F10
59 GND
60 I/O-F12
61 I/O-F13
62 I/O-F15 (TCK)
63 I/O-G0
64 I/O-G2
65 I/O-G4
66 VDD
67 I/O-G5
68 I/O-G7
69 I/O-G8
70 I/O-G10
71 I/O-G12
72 I/O-G13
73 I/O-G15 (TDO)
74 GND
75 I/O-H0
76 I/O-H2
77 I/O-H4
78 I/O-H5
79 I/O-H7
80 I/O-H8
81 I/O-H10
82 VDD
83 I/O-H12
84 I/O-H13
85 I/O-H15
86 GND
87 IN0/CLK0
88 IN2-GTSN
89 IN1
90 IN3
91 VDD
92 I/O-A15/CLK3
93 I/O-A13
94 I/O-A12
95 GND
96 I/O-A10
97 I/O-A8
98 I/O-A7
99 I/O-A5
100 I/O-A4
GND
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 3280 Series.

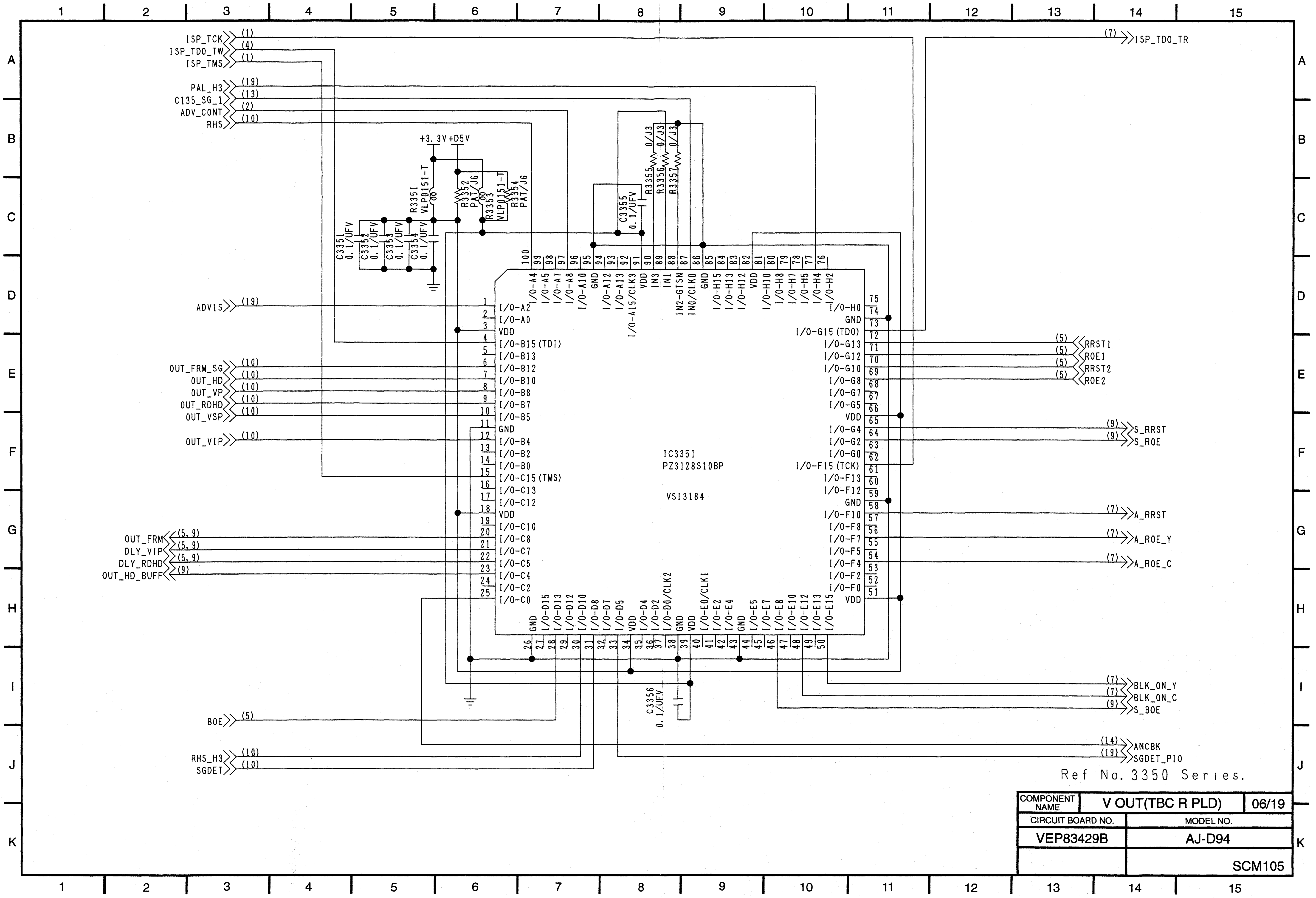
COMPONENT NAME	V OUT(TBC W PLD)	04/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM103	



PAL_H3 (19)
FILTERON_H (19)
TAP7_L (19)
FRMFZ_H (19)
FLDFZ_H (19)
BLANKON_H (19)
TBCM_C [0-7]
TBCM_Y [0-7]
(7, 9) TBCM_C [0-7]
(7, 9) TBCM_Y [0-7]
(6) ROE2
(6) RRST2
(4) WRST2
(6, 9) BOE
+D3V
OUT_FRM (6)
DLY_VIP (6)
DLY_RDHD (6)
TBC_FRP (4)
TBC_VBLK (4)
TBC_HD (4)
TDI (1)
B_CONT [0-2] (1)
B_CONT [0-2]
TDO_APROC (16)
C_DAT [0-7] (3)
Y_DAT [0-7] (3)
C135_SG_1 (13)
CLK135_PB_1 (2)
C_DAT [0-7]
Y_DAT [0-7]
IC3301
T160G70-1601
TBC/FILTER
R0 R1 VDD R2 R3 R4 R5 R6 R7 DVCPRO RRST RE WRST WEY VSS WEC DELAY01 DELAY00 DELAY11 DELAY10 TDI TMS TCK TRST TDO
CA7 CA6 CA5 CA4 CA3 CA2 CA1 CA0 VDD YA7 VSS YA6 YA5 YA4 YA3 YA2 YA1 YA0 VSS PCST MIDW CLAMPY VDD CLAMPC H2
SINF SINH COMP EXTEN FILERON CFSEQ REC NTSC SERIAL WCK VSS RST CDELAY2 CDELAY1 CDELAY0 TEST2 TEST1 TEST0 LEVEL3 LEVEL2 LEVEL1 LEVEL0 VDD LEVEL0 INH
CB7 CB6 VDD CB5 CB4 CB3 CB2 CB1 CB0 VSS YB7 YB6 YB5 YB4 VSS YB3 YB2 YB1 YB0 VDD RCK RV RH CF0 VBLK-H
R3301
10K/J3
C3301 0.1/UFV
C3302 0.1/UFV
C3303 0.1/UFV
C3304 0.1/UFV
TG3301
EYF6CU
GND
(4) WE2
(4) WE1
(4) WRST1
(6) ROE1
(6) RRST1

Ref No. 3300 Series.

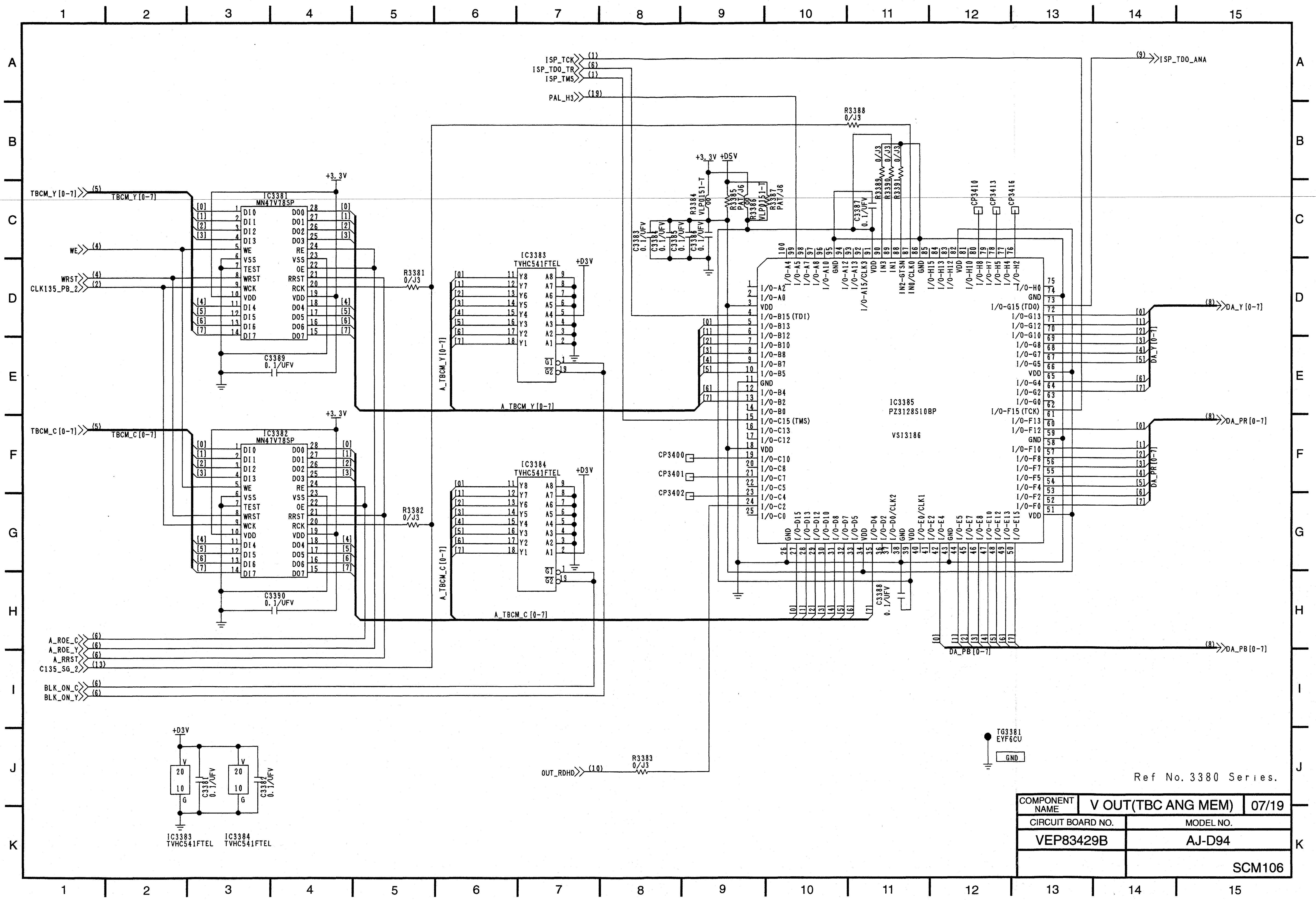
COMPONENT NAME	V OUT(TBC)	05/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM104	


ISP_TCK (1)
ISP_TDO_TW (4)
ISP_TMS (1)
PAL_H3 (19)
C135_SG_1 (13)
ADV_CONT (2)
RHS (10)
ADV1S (19)
OUT_FRM_SG (10)
OUT_HD (10)
OUT_VP (10)
OUT_RDHD (10)
OUT_VSP (10)
OUT_VIP (10)
OUT_FRM (5, 9)
DLY_VIP (5, 9)
DLY_RDHD (5, 9)
OUT_HD_BUFF (9)
BOE (5)
RHS_H3 (10)
SGDET (10)
(7) ISP_TDO_TR
(5) RRST1
(5) ROE1
(5) RRST2
(5) ROE2
(9) S_RRST
(9) S_ROE
(7) A_RRST
(7) A_ROE_Y
(7) A_ROE_C
(7) BLK_ON_Y
(7) BLK_ON_C
(9) S_BOE
(14) ANCBK
(19) SGDET_PIO
+3.3V
+D5V
R3351 VLP0151-T
R3352 PAT/J6
R3353 VLP0151-T
R3354 PAT/J6
C3351 0.1/UFV
C3352 0.1/UFV
C3353 0.1/UFV
C3354 0.1/UFV
C3355 0.1/UFV
C3356 0.1/UFV
R3355 0/J3
R3356 0/J3
R3357 0/J3
IC3351
PZ3128S10BP
VSI3184
1 I/O-A2
2 I/O-A0
3 VDD
4 I/O-B15(TDI)
5 I/O-B13
6 I/O-B12
7 I/O-B10
8 I/O-B8
9 I/O-B7
10 I/O-B5
11 GND
12 I/O-B4
13 I/O-B2
14 I/O-B0
15 I/O-C15(TMS)
16 I/O-C13
17 I/O-C12
18 VDD
19 I/O-C10
20 I/O-C8
21 I/O-C7
22 I/O-C5
23 I/O-C4
24 I/O-C2
25 I/O-C0
26 GND
27 I/O-D15
28 I/O-D13
29 I/O-D12
30 I/O-D10
31 I/O-D8
32 I/O-D7
33 I/O-D5
34 VDD
35 I/O-D4
36 I/O-D2
37 I/O-D0/CLK2
38 GND
39 VDD
40 I/O-E0/CLK1
41 I/O-E2
42 I/O-E4
43 GND
44 I/O-E5
45 I/O-E7
46 I/O-E8
47 I/O-E10
48 I/O-E12
49 I/O-E13
50 I/O-E15
51 VDD
52 I/O-F0
53 I/O-F2
54 I/O-F4
55 I/O-F5
56 I/O-F7
57 I/O-F8
58 I/O-F10
59 GND
60 I/O-F12
61 I/O-F13
62 I/O-F15(TCK)
63 I/O-G0
64 I/O-G2
65 I/O-G4
66 VDD
67 I/O-G5
68 I/O-G7
69 I/O-G8
70 I/O-G10
71 I/O-G12
72 I/O-G13
73 I/O-G15(TDO)
74 GND
75 I/O-H0
76 I/O-H2
77 I/O-H4
78 I/O-H5
79 I/O-H7
80 I/O-H8
81 I/O-H10
82 VDD
83 I/O-H12
84 I/O-H13
85 I/O-H15
86 GND
87 IN0/CLK0
88 IN2-GTSN
89 IN1
90 IN3
91 VDD
92 I/O-A15/CLK3
93 I/O-A13
94 I/O-A12
95 GND
96 I/O-A10
97 I/O-A8
98 I/O-A7
99 I/O-A5
100 I/O-A4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 3350 Series.

COMPONENT NAME	V OUT(TBC R PLD)	06/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM105	

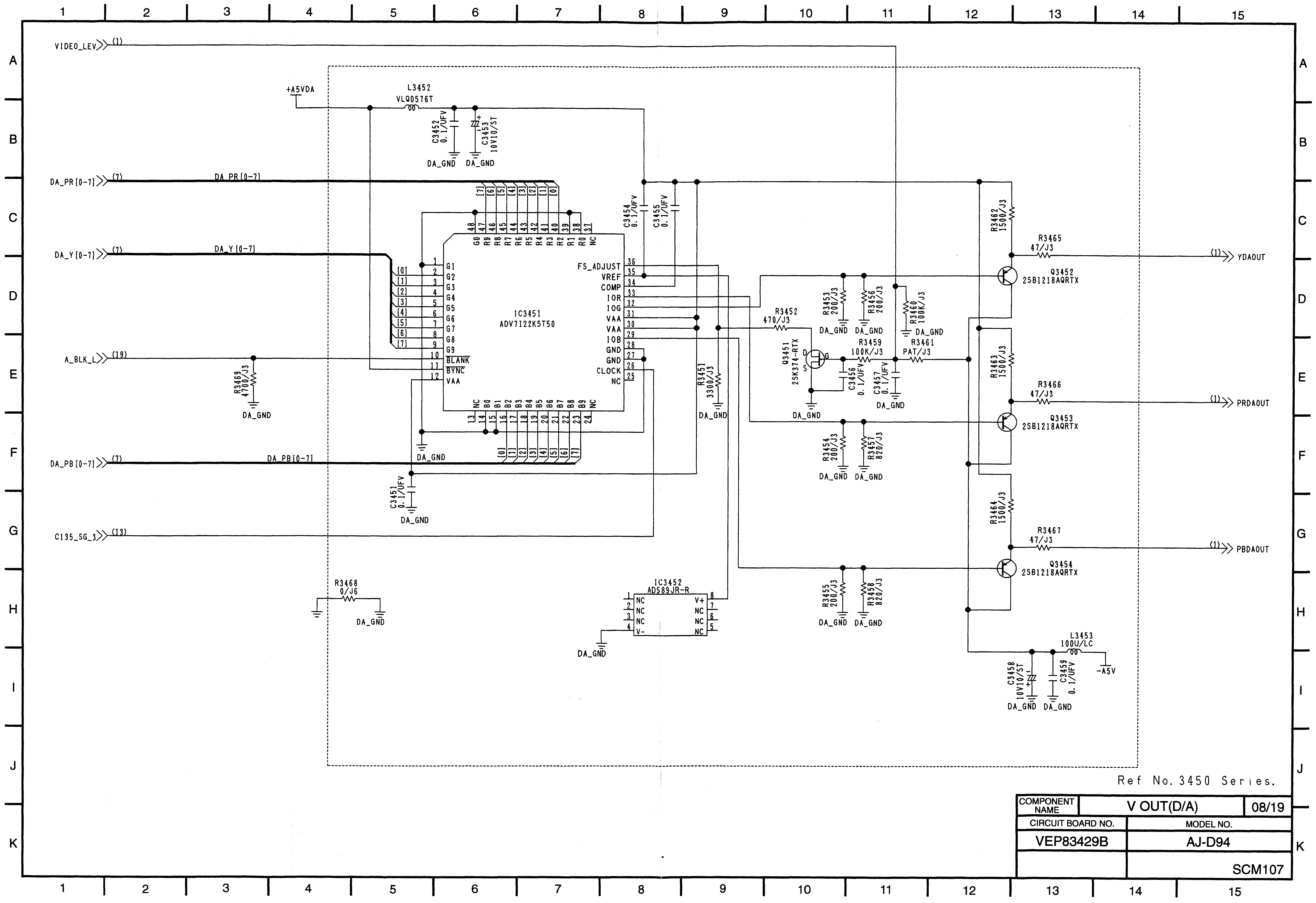
VIDE-V26967 / DRUCK114


TBCM_Y[0-7]
TBCM_C[0-7]
WE
WRST
CLK135_PB_2
IC3381
MN47V78SP
IC3382
MN47V78SP
+3.3V
C3389
0.1/UFV
C3390
0.1/UFV
R3381
0/J3
R3382
0/J3
IC3383
TVHC541FTEL
IC3384
TVHC541FTEL
+D3V
A_TBCM_Y[0-7]
A_TBCM_C[0-7]
ISP_TCK
ISP_TDO_TR
ISP_TMS
PAL_H3
R3388
0/J3
+D5V
R3384
VLP0151-T
R3385
PAT/J6
R3386
VLP0151-T
R3387
PAT/J6
R3389
R3390
R3391
0/J3
C3383
0.1/UFV
C3384
0.1/UFV
C3385
0.1/UFV
C3386
0.1/UFV
C3387
0.1/UFV
CP3410
CP3413
CP3416
IC3385
PZ3128S10BP
VSI3186
CP3400
CP3401
CP3402
C3388
0.1/UFV
ISP_TDO_ANA
DA_Y[0-7]
DA_PR[0-7]
DA_PB[0-7]
A_ROE_C
A_ROE_Y
A_RRST
C135_SG_2
BLK_ON_C
BLK_ON_Y
R3383
0/J3
OUT_RDHD
TG3381
EYF6CU
GND
C3381
0.1/UFV
C3382
0.1/UFV
IC3383
TVHC541FTEL
IC3384
TVHC541FTEL

Ref No. 3380 Series.

COMPONENT NAME	V OUT(TBC ANG MEM)	07/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM106	

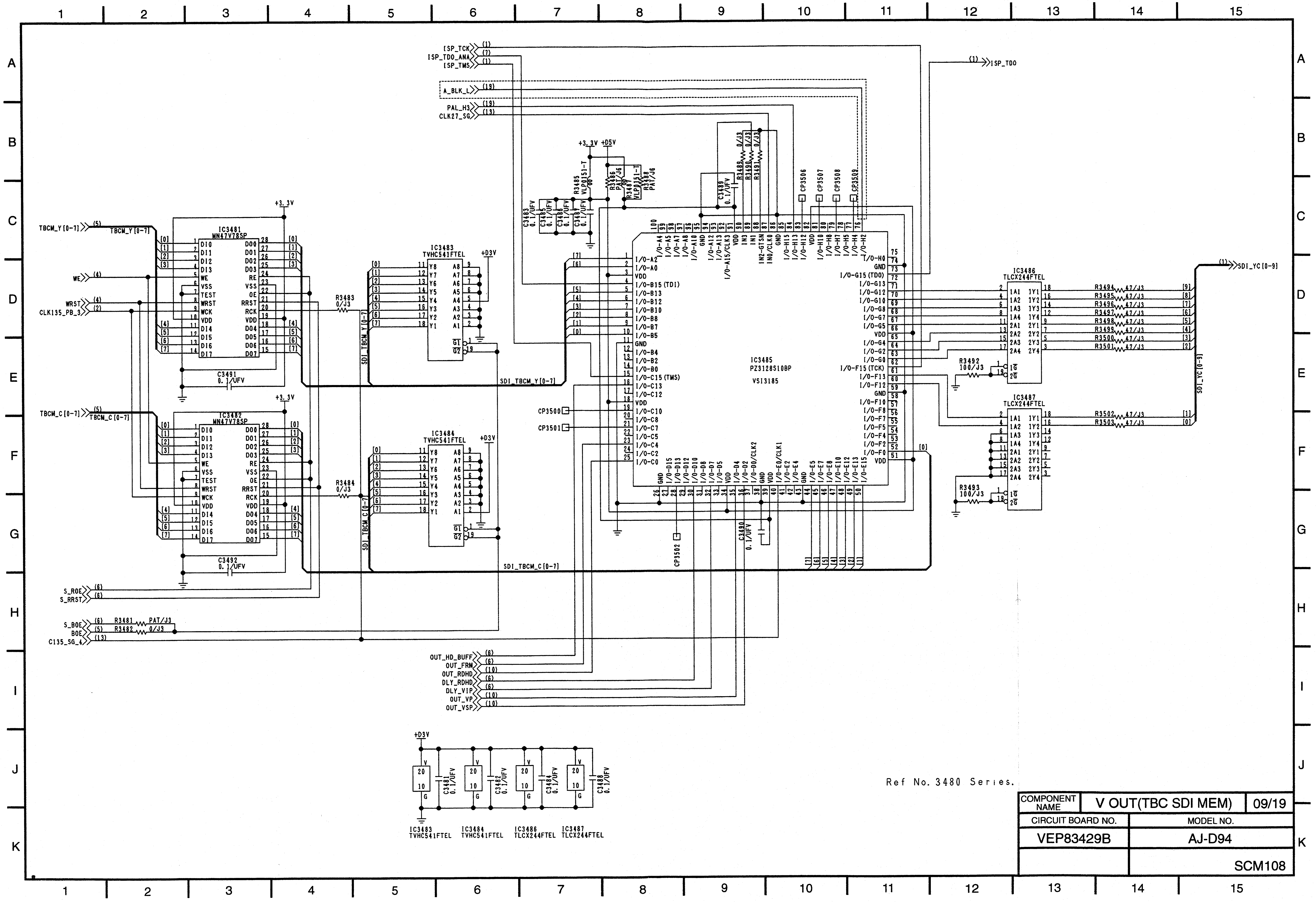
VIDE-V26967 / DRUCK115



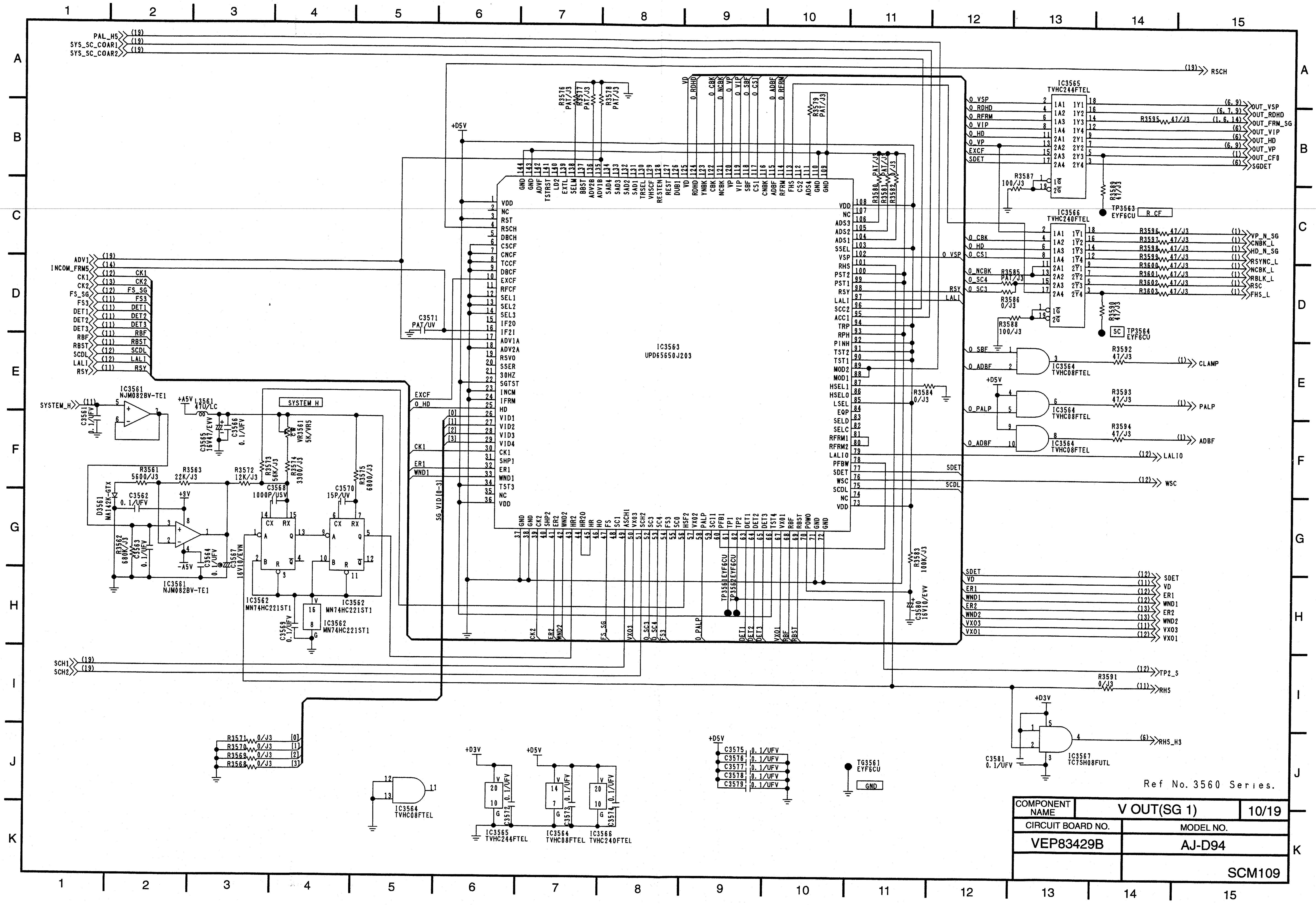
VIDEO_LEV
DA_PR[0-7]
DA_Y[0-7]
A_BLK_L
DA_PB[0-7]
C135_SG_3
+A5VDA
L3452
VLQ0516T
C3452
0.1/UFV
C3453
10V10/ST
DA_GND
IC3451
ADV7122KST50
G0
G1
G2
G3
G4
G5
G6
G7
G8
G9
R0
R1
R2
R3
R4
R5
R6
R7
R8
R9
B0
B1
B2
B3
B4
B5
B6
B7
B8
B9
BLANK
SYNC
VAA
FS_ADJUST
VREF
COMP
IOR
IOG
IOB
GND
CLOCK
NC
C3454
0.1/UFV
C3455
0.1/UFV
R3451
3300/J3
C3451
0.1/UFV
R3469
4700/J3
R3468
0/J6
IC3452
AD589JR-R
V+
V-
R3452
470/J3
Q3451
2SK374-RTX
R3453
200/J3
R3456
200/J3
R3460
100K/J3
R3459
100K/J3
R3461
PAT/J3
C3456
0.1/UFV
C3457
0.1/UFV
R3454
200/J3
R3457
820/J3
R3455
200/J3
R3458
820/J3
R3462
1500/J3
R3463
1500/J3
R3464
1500/J3
R3465
47/J3
R3466
47/J3
R3467
47/J3
Q3452
2SB1218AQRTX
Q3453
2SB1218AQRTX
Q3454
2SB1218AQRTX
YDAOUT
PRDAOUT
PBDAOUT
L3453
100U/LC
-A5V
C3458
10V10/ST
C3459
0.1/UFV

Ref No. 3450 Series.

COMPONENT NAME	V OUT(D/A)	08/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM107	

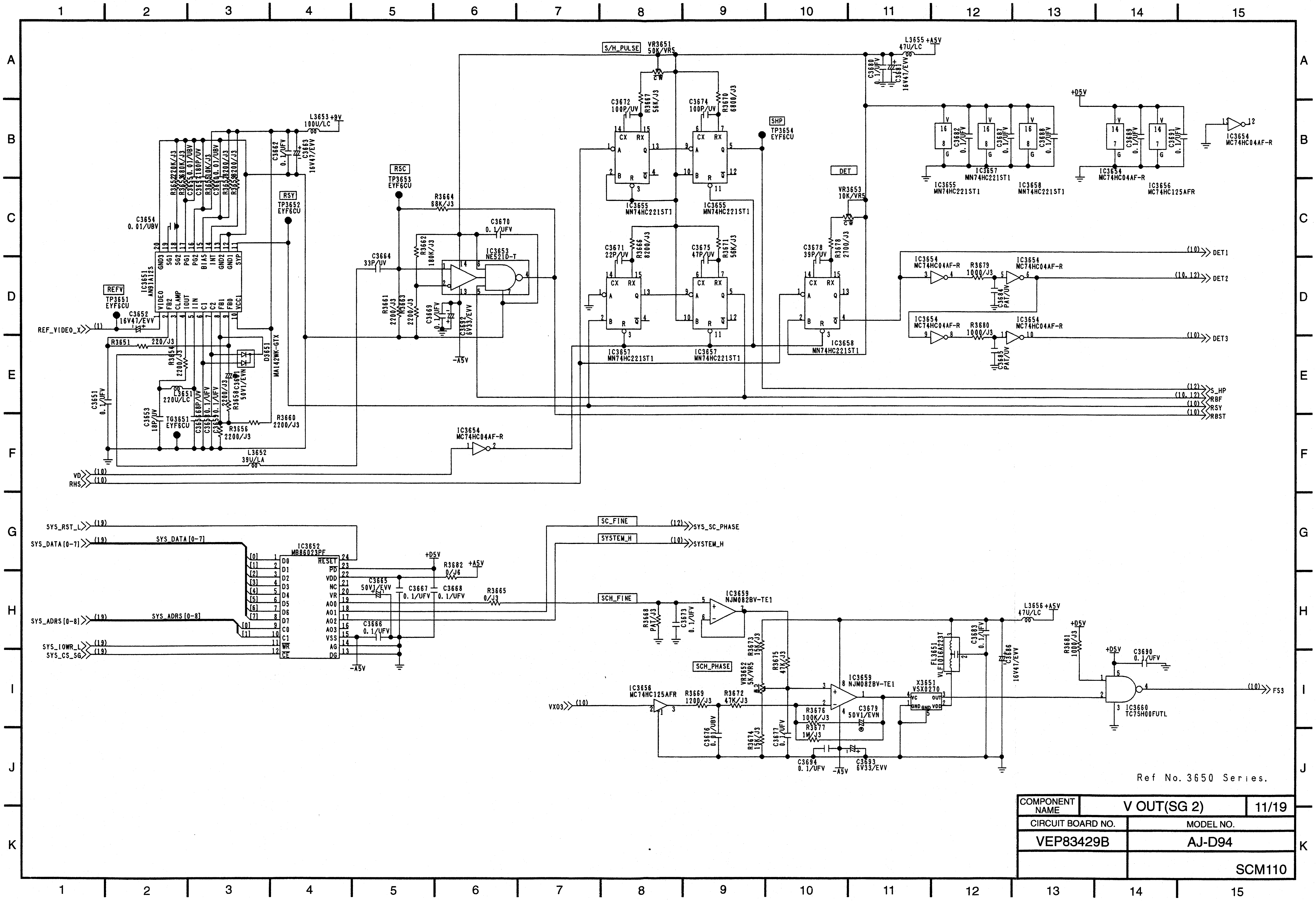

ISP_TCK
ISP_TDO_ANA
ISP_TMS
ISP_TDO
A_BLK_L
PAL_H3
CLK27_SG
+3.3V
+D5V
R3485 VLP0151-T
R3486 PAT/J6
R3487 VLP0151-T
R3488 PAT/J6
C3483 0.1/UFV
C3485 0.1/UFV
C3486 0.1/UFV
C3487 0.1/UFV
C3489 0.1/UFV
R3489 0/J3
R3490 0/J3
R3491 0/J3
CP3506
CP3507
CP3508
CP3509
TBCM_Y[0-7]
WE
WRST
CLK135_PB_3
IC3481 MN47V78SP
C3491 0.1/UFV
TBCM_C[0-7]
IC3482 MN47V78SP
C3492 0.1/UFV
S_ROE
S_RRST
S_BOE
BOE
C135_SG_4
R3481 PAT/J3
R3482 0/J3
R3483 0/J3
R3484 0/J3
IC3483 TVHC541FTEL
IC3484 TVHC541FTEL
+D3V
SDI_TBCM_Y[0-7]
SDI_TBCM_C[0-7]
IC3485 PZ3128S10BP VS13185
I/O-G15 (TDO)
I/O-F15 (TCK)
I/O-B15 (TDI)
I/O-C15 (TMS)
CP3500
CP3501
CP3502
C3490 0.1/UFV
OUT_HD_BUFF
OUT_FRM
OUT_RDHD
DLY_RDHD
DLY_VIP
OUT_VP
OUT_VSP
IC3486 TLCX244FTEL
IC3487 TLCX244FTEL
R3492 100/J3
R3493 100/J3
R3494 47/J3
R3495 47/J3
R3496 47/J3
R3497 47/J3
R3498 47/J3
R3499 47/J3
R3500 47/J3
R3501 47/J3
R3502 47/J3
R3503 47/J3
SDI_YC[0-9]
C3481 0.1/UFV
C3482 0.1/UFV
C3484 0.1/UFV
C3488 0.1/UFV
IC3483 TVHC541FTEL
IC3484 TVHC541FTEL
IC3486 TLCX244FTEL
IC3487 TLCX244FTEL
Ref No. 3480 Series.

COMPONENT NAME	V OUT(TBC SDI MEM)	09/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM108	


IC3563
UPD65650J203
IC3565
TVHC244FTEL
IC3566
TVHC240FTEL
IC3564
TVHC08FTEL
IC3561
NJM082BV-TE1
IC3562
MN74HC221ST1
IC3567
TC7SH08FUTL
SYSTEM_H
+D5V
+D3V
+A5V
-A5V
+9V
PAL_H5
SYS_SC_COAR1
SYS_SC_COAR2
RSCH
OUT_VSP
OUT_RDHD
OUT_FRM_SG
OUT_VIP
OUT_HD
OUT_VP
OUT_CF0
SGDET
VP_N_SG
CNBK_L
HD_N_SG
RSYNC_L
NCBK_L
RBLK_L
RSC
FHS_L
CLAMP
PALP
ADBF
LALIO
WSC
SDET
VD
ER1
WND1
ER2
WND2
VXO3
VXO1
TP2_S
RHS
RHS_H3
ADV1
INCOM_FRM5
CK1
CK2
FS_SG
FS3
DET1
DET2
DET3
RBF
RBST
SCDL
LALI
RSY
SCH1
SCH2
SG VID[0-3]
TP3563 EYF6CU
TP3564 EYF6CU
TG3561 EYF6CU
GND

Ref No. 3560 Series.

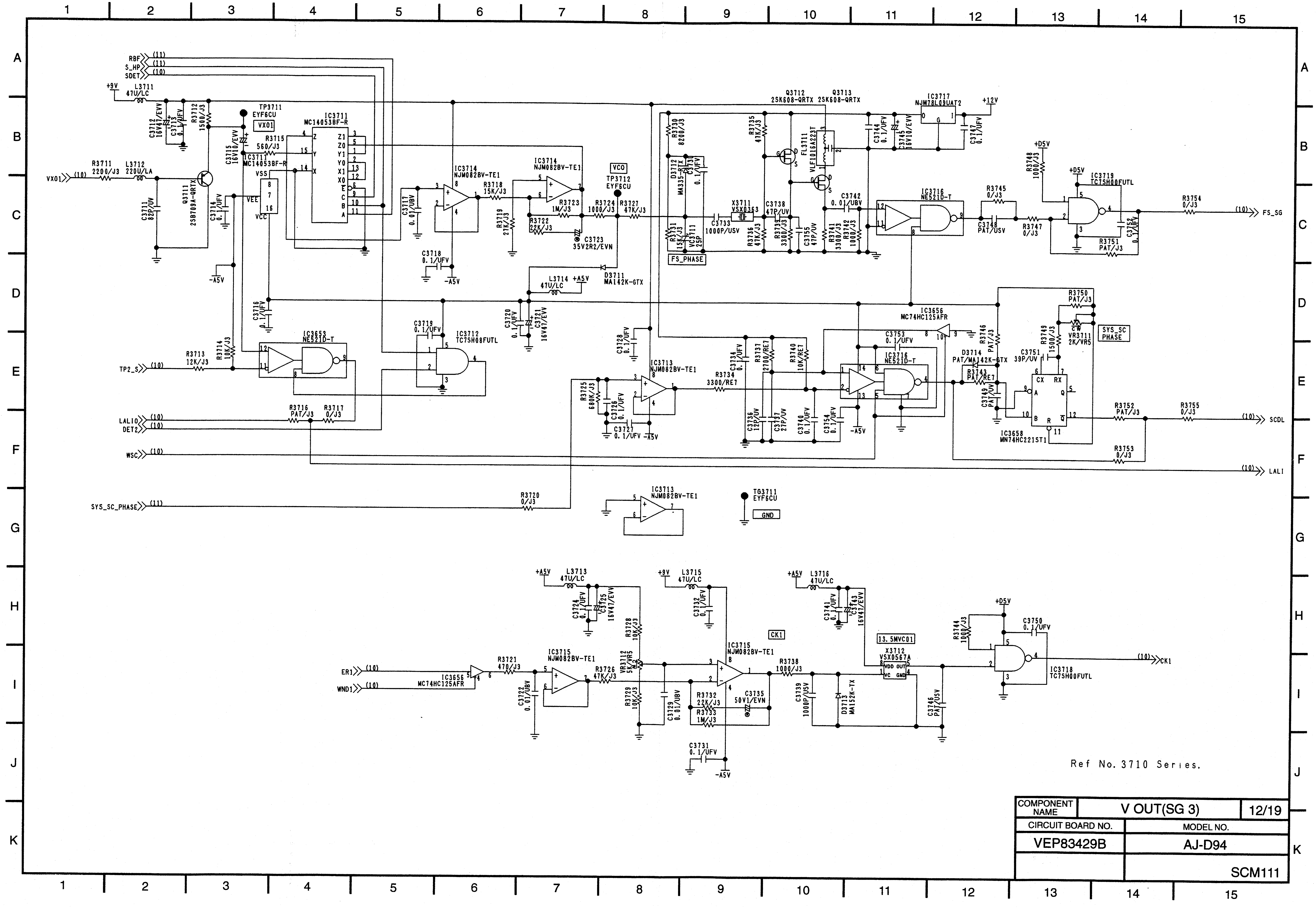
COMPONENT NAME	V OUT(SG 1)	10/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM109	


S/H_PULSE
VR3651 50K/VR5
L3655 +A5V 47U/LC
C3680 0.1/UFV
C3681 16V47/EVV
C3672 100P/UV
R3667 56K/J3
C3674 100P/UV
R3670 6800/J3
SHP
TP3654 EYF6CU
IC3655 MN74HC221ST1
L3653 +9V 100U/LC
C3662 0.1/UFV
C3663 16V47/EVV
RSC
TP3653 EYF6CU
RSY
TP3652 EYF6CU
R3664 68K/J3
C3670 0.1/UFV
IC3653 NE521D-T
C3664 33P/UV
R3662 180K/J3
R3661 2200/J3
R3663 2200/J3
C3669 0.1/UFV
C3692 6V33/EVV
-A5V
C3654 0.01/UBV
IC3651 AN91A125
REFV
TP3651 EYF6CU
C3652 16V47/EVV
REF_VIDEO_X
R3651 220/J3
R3654 2200/J3
D3651 MA142WK-GTX
L3651 220U/LC
C3651 0.1/UFV
C3653 18P/UV
TG3651 EYF6CU
R3658 2200/J3
C3659 50V1/EVN
R3656 2200/J3
R3660 2200/J3
L3652 39U/LA
IC3654 MC74HC04AF-R
VD
RHS
C3671 22P/UV
R3666 8200/J3
C3675 47P/UV
R3671 56K/J3
IC3657 MN74HC221ST1
DET
VR3653 10K/VR5
C3678 39P/UV
R3678 2700/J3
IC3658 MN74HC221ST1
R3679 1000/J3
R3680 1000/J3
C3684 PAT/UV
C3685 PAT/UV
DET1
DET2
DET3
S_HP
RBF
RSY
RBST
+D5V
C3682 0.1/UFV
C3687 0.1/UFV
C3688 0.1/UFV
C3689 0.1/UFV
C3691 0.1/UFV
IC3656 MC74HC125AFR
SYS_RST_L
SYS_DATA[0-7]
SYS_ADRS[0-8]
SYS_IOWR_L
SYS_CS_SG
IC3652 MB86023PF
RESET PD VDD NC VR AO0 AO1 AO2 AO3 VSS AG DG
D0 D1 D2 D3 D4 D5 D6 D7 C0 C1 WR CE
C3665 50V1/EVV
C3667 0.1/UFV
C3668 0.1/UFV
C3666 0.1/UFV
R3682 0/J6 +A5V
R3665 0/J3
SC_FINE
SYS_SC_PHASE
SYSTEM_H
SCH_FINE
SCH_PHASE
R3668 PAT/J3
C3673 0.1/UFV
IC3659 NJM082BV-TE1
L3656 +A5V 47U/LC
R3673 15K/J3
R3675 47K/J3
VR3652 5K/VR5
FL3651 VLF1016A223T
C3683 0.1/UFV
C3686 16V47/EVV
X3651 VSX0270
VXO3
R3669 1200/J3
R3672 47K/J3
R3676 100K/J3
R3677 1M/J3
C3679 50V1/EVN
C3676 0.01/UBV
R3674 15K/J3
C3677 0.1/UFV
C3694 0.1/UFV
C3693 6V33/EVV
R3681 1000/J3
C3690 0.1/UFV
IC3660 TC7SH00FUTL
FS3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 3650 Series.

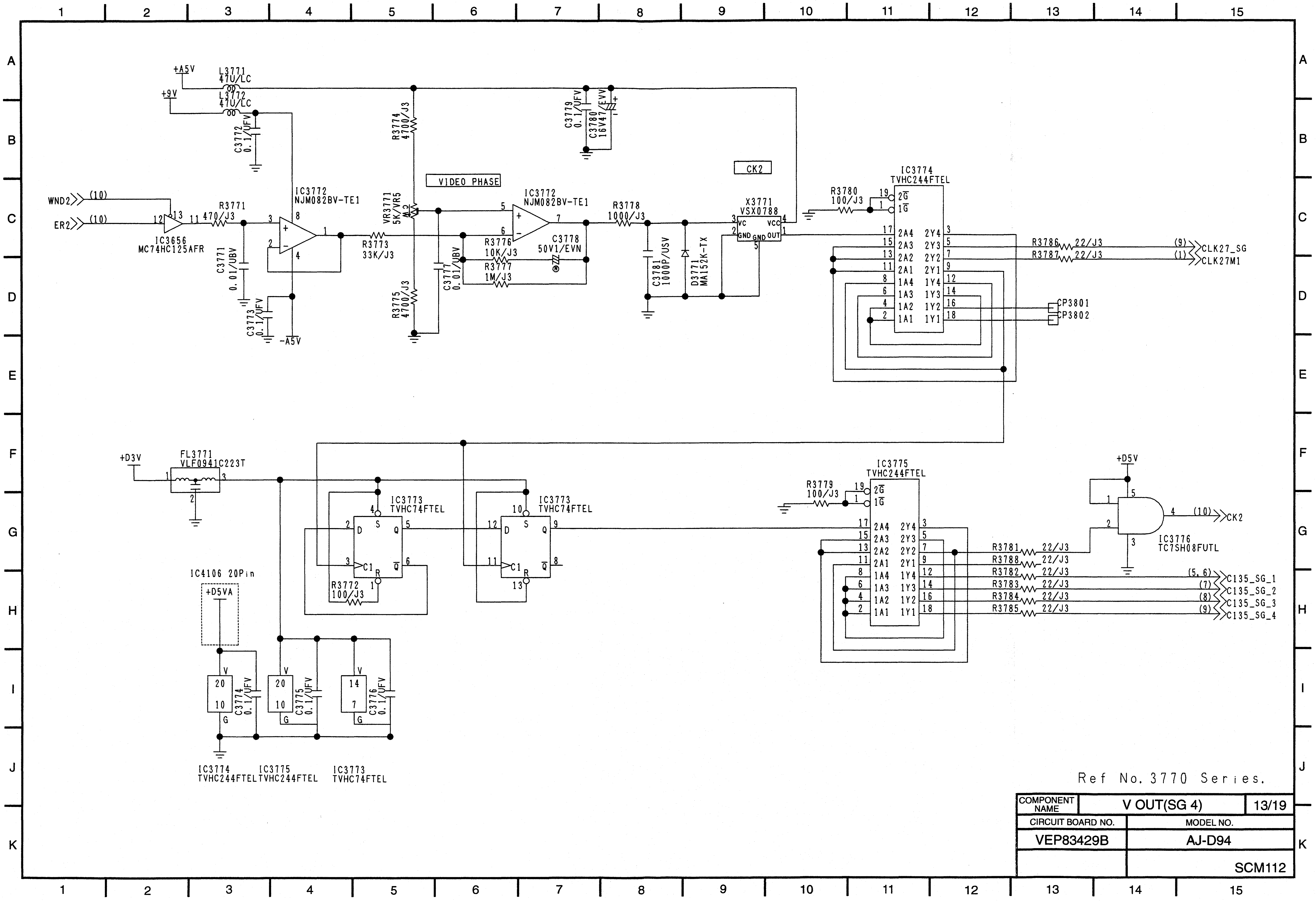
COMPONENT NAME	V OUT(SG 2)	11/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM110	

VIDE-V26967 / DRUCK119


RBF
S_HP
SDET
+9V
L3711 47U/LC
C3712 16V47/EVV
C3713 0.1/UFV
R3712 1500/J3
TP3711 EYF6CU
VX01
R3715 560/J3
IC3711 MC14053BF-R
C3715 16V10/EVV
VX01
R3711 2200/J3
L3712 220U/LA
Q3711 2SB709A-QRTX
C3711 82P/UV
C3714 0.1/UFV
-A5V
IC3714 NJM082BV-TE1
R3718 15K/J3
C3717 0.01/UBV
C3718 0.1/UFV
-A5V
R3719 27K/J3
R3722 22K/J3
R3723 1M/J3
C3723 35V2R2/EVN
VCO
TP3712 EYF6CU
R3724 1000/J3
R3727 47K/J3
D3711 MA142K-GTX
L3714 47U/LC
+A5V
C3720 0.1/UFV
C3721 16V47/EVV
C3716 0.1/UFV
C3719 0.1/UFV
IC3712 TC7SH08FUTL
IC3653 NE521D-T
R3713 12K/J3
R3714 10K/J3
TP2_S
LALI
DET2
R3716 PAT/J3
R3717 0/J3
WSC
SYS_SC_PHASE
R3720 0/J3
Q3712 2SK608-QRTX
Q3713 2SK608-QRTX
IC3717 NJM78L09UAT2
+12V
C3744 0.1/UFV
C3745 16V10/EVV
C3747 0.1/UFV
R3730 8200/J3
D3712 MA335-RTX
C3730 0.1/UFV
R3731 15K/J3
VC3711 25P
FS_PHASE
C3733 1000P/USV
X3711 VSX0363
R3735 47K/J3
FL3711 VLF1016A223T
R3736 47K/J3
C3738 47P/UV
R3739 3300/J3
C3755 47P/UV
R3741 3300/J3
R3742 1000/J3
C3742 0.01/UBV
IC3716 NE521D-T
R3745 0/J3
C3748 PAT/USV
R3747 0/J3
+D5V
R3748 1000/J3
IC3719 TC7SH00FUTL
R3751 PAT/J3
C3752 0.1/UFV
R3754 0/J3
FS_SG
IC3656 MC74HC125AFR
R3750 PAT/J3
R3749 1500/J3
VR3711 2K/VR5
SYS_SC PHASE
R3746 PAT/J3
D3714 PAT/MA142K-GTX
C3751 39P/UV
R3743 PAT/RE7
C3749 PAT/UV
IC3658 MN74HC221ST1
R3752 PAT/J3
R3755 0/J3
SCDL
R3753 0/J3
LALI
C3728 0.1/UFV
IC3713 NJM082BV-TE1
R3725 680K/J3
C3726 0.1/UFV
C3727 0.1/UFV
-A5V
R3734 3300/RE7
C3734 0.1/UFV
R3737 2700/RE7
R3740 10K/RE7
C3753 0.1/UFV
IC3716 NE521D-T
C3736 12P/UV
C3737 27P/UV
C3740 0.1/UFV
C3754 0.1/UFV
-A5V
IC3713 NJM082BV-TE1
TG3711 EYF6CU
GND
+A5V
L3713 47U/LC
C3724 0.1/UFV
C3725 16V47/EVV
+9V
L3715 47U/LC
C3732 0.1/UFV
+A5V
L3716 47U/LC
C3741 0.1/UFV
C3743 16V47/EVV
CK1
R3728 10K/J3
VR3712 5K/VR5
ER1
WND1
IC3656 MC74HC125AFR
R3721 470/J3
IC3715 NJM082BV-TE1
C3722 0.01/UBV
R3726 47K/J3
R3729 10K/J3
C3729 0.01/UBV
IC3715 NJM082BV-TE1
R3732 22K/J3
R3733 1M/J3
C3735 50V1/EVN
C3731 0.1/UFV
-A5V
R3738 1000/J3
C3739 1000P/USV
D3713 MA152K-TX
13.5MVC01
X3712 VSX0567A
C3746 PAT/USV
+D5V
R3744 1000/J3
C3750 0.1/UFV
IC3718 TC7SH00FUTL
CK1

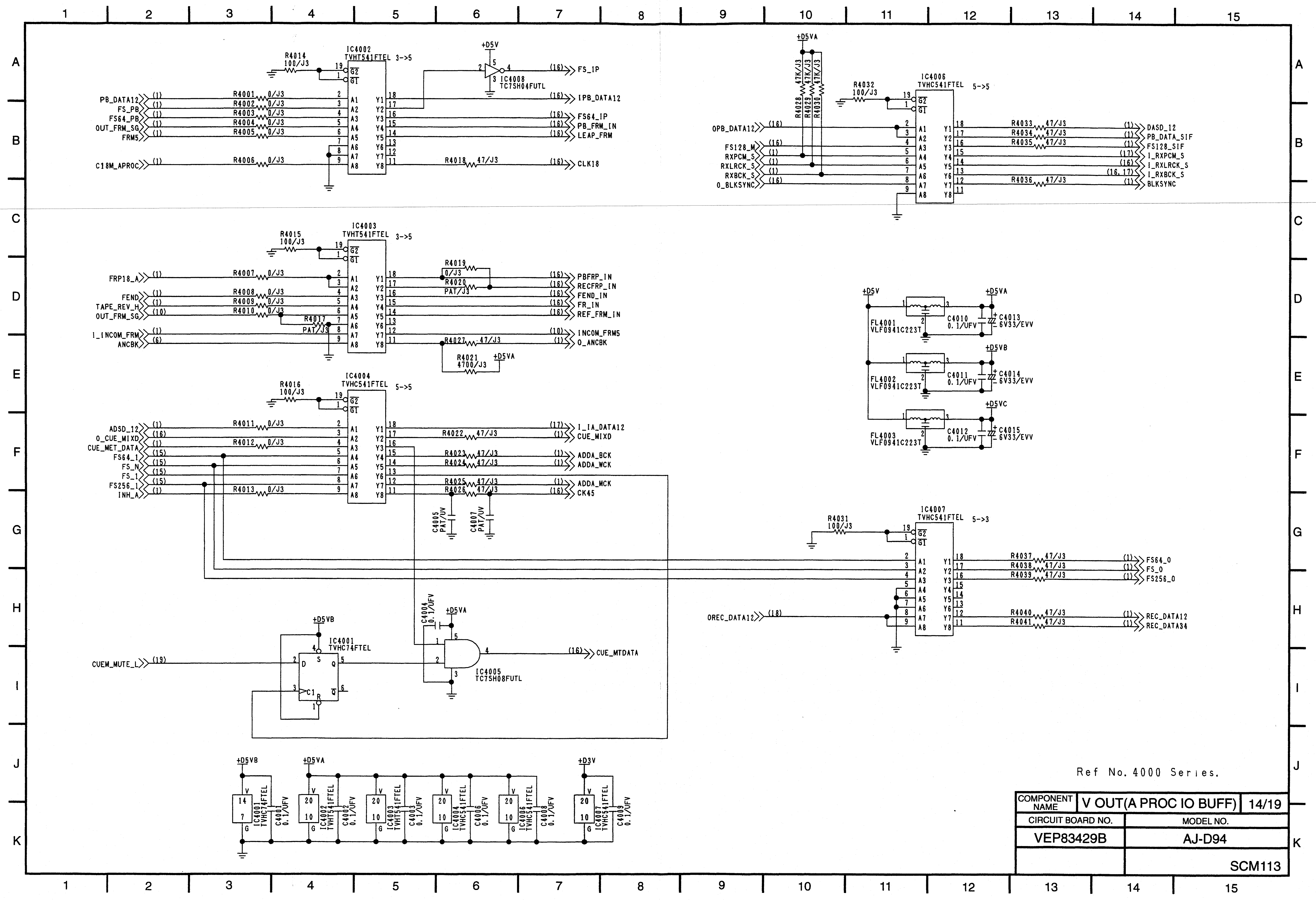
Ref No. 3710 Series.

COMPONENT NAME	V OUT(SG 3)	12/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM111	


+A5V
L3771 47U/LC
+9V
L3772 47U/LC
C3772 0.1/UFV
R3774 4700/J3
C3779 0.1/UFV
C3780 16V47/EVV
VIDEO PHASE
CK2
WND2 (10)
ER2 (10)
IC3656 MC74HC125AFR
R3771 470/J3
C3771 0.01/UBV
C3773 0.1/UFV
-A5V
IC3772 NJM082BV-TE1
R3773 33K/J3
VR3771 5K/VR5
R3775 4700/J3
C3777 0.01/UBV
R3776 10K/J3
R3777 1M/J3
IC3772 NJM082BV-TE1
C3778 50V1/EVN
R3778 1000/J3
C3781 1000P/USV
D3771 MA152K-TX
X3771 VSX0788
VC VCC GND GND OUT
R3780 100/J3
IC3774 TVHC244FTEL
2G 1G 2A4 2A3 2A2 2A1 1A4 1A3 1A2 1A1
2Y4 2Y3 2Y2 2Y1 1Y4 1Y3 1Y2 1Y1
R3786 22/J3 (9) CLK27_SG
R3787 22/J3 (1) CLK27M1
CP3801
CP3802
+D3V
FL3771 VLF0941C223T
IC3773 TVHC74FTEL
D S Q C1 R Q̄
R3772 100/J3
IC3773 TVHC74FTEL
R3779 100/J3
IC3775 TVHC244FTEL
+D5V
IC3776 TC7SH08FUTL
(10) CK2
R3781 22/J3
R3788 22/J3
R3782 22/J3 (5, 6) C135_SG_1
R3783 22/J3 (7) C135_SG_2
R3784 22/J3 (8) C135_SG_3
R3785 22/J3 (9) C135_SG_4
IC4106 20Pin
+D5VA
C3774 0.1/UFV
C3775 0.1/UFV
C3776 0.1/UFV
IC3774 TVHC244FTEL
IC3775 TVHC244FTEL
IC3773 TVHC74FTEL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

Ref No. 3770 Series.

COMPONENT NAME	V OUT(SG 4)	13/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM112	


IC4002 TVHT541FTEL 3->5
R4014 100/J3
+D5V
IC4008 TC7SH04FUTL
FS_IP
IPB_DATA12
FS64_IP
PB_FRM_IN
LEAP_FRM
CLK18
PB_DATA12
FS_PB
FS64_PB
OUT_FRM_SG
FRM5
C18M_APROC
R4001 0/J3
R4002
R4003
R4004
R4005
R4006 0/J3
R4018 47/J3
IC4003 TVHT541FTEL 3->5
R4015 100/J3
FRP18_A
FEND
TAPE_REV_H
OUT_FRM_SG
I_INCOM_FRM
ANCBK
R4007 0/J3
R4008 0/J3
R4009 0/J3
R4010 0/J3
R4017 PAT/J3
R4019 0/J3
R4020 PAT/J3
R4027 47/J3
R4021 4700/J3
+D5VA
PBFRP_IN
RECFRP_IN
FEND_IN
FR_IN
REF_FRM_IN
INCOM_FRM5
O_ANCBK
IC4004 TVHC541FTEL 5->5
R4016 100/J3
ADSD_12
O_CUE_MIXD
CUE_MET_DATA
FS64_I
FS_N
FS_I
FS256_I
INH_A
R4011 0/J3
R4012 0/J3
R4013 0/J3
R4022 47/J3
R4023 47/J3
R4024 47/J3
R4025 47/J3
R4026 47/J3
I_IA_DATA12
CUE_MIXD
ADDA_BCK
ADDA_WCK
ADDA_MCK
CK45
C4005 PAT/UV
C4007 PAT/UV
C4004 0.1/UFV
+D5VB
IC4001 TVHC74FTEL
CUEM_MUTE_L
IC4005 TC7SH08FUTL
CUE_MTDATA
+D5VA
R4028 47K/J3
R4029 47K/J3
R4030 47K/J3
R4032 100/J3
IC4006 TVHC541FTEL 5->5
OPB_DATA12
FS128_M
RXPCM_S
RXLRCK_S
RXBCK_S
O_BLKSYNC
R4033 47/J3
R4034 47/J3
R4035 47/J3
R4036 47/J3
DASD_12
PB_DATA_SIF
FS128_SIF
I_RXPCM_S
I_RXLRCK_S
I_RXBCK_S
BLKSYNC
+D5V
FL4001 VLF0941C223T
FL4002 VLF0941C223T
FL4003 VLF0941C223T
C4010 0.1/UFV
C4011 0.1/UFV
C4012 0.1/UFV
C4013 6V33/EVV
C4014 6V33/EVV
C4015 6V33/EVV
+D5VB
+D5VC
IC4007 TVHC541FTEL 5->3
R4031 100/J3
R4037 47/J3
R4038 47/J3
R4039 47/J3
R4040 47/J3
R4041 47/J3
FS64_O
FS_O
FS256_O
OREC_DATA12
REC_DATA12
REC_DATA34
+D3V
C4001 0.1/UFV
C4002 0.1/UFV
C4003 0.1/UFV
C4006 0.1/UFV
C4008 0.1/UFV
C4009 0.1/UFV

Ref No. 4000 Series.

COMPONENT NAME	V OUT(A PROC IO BUFF)	14/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM113	

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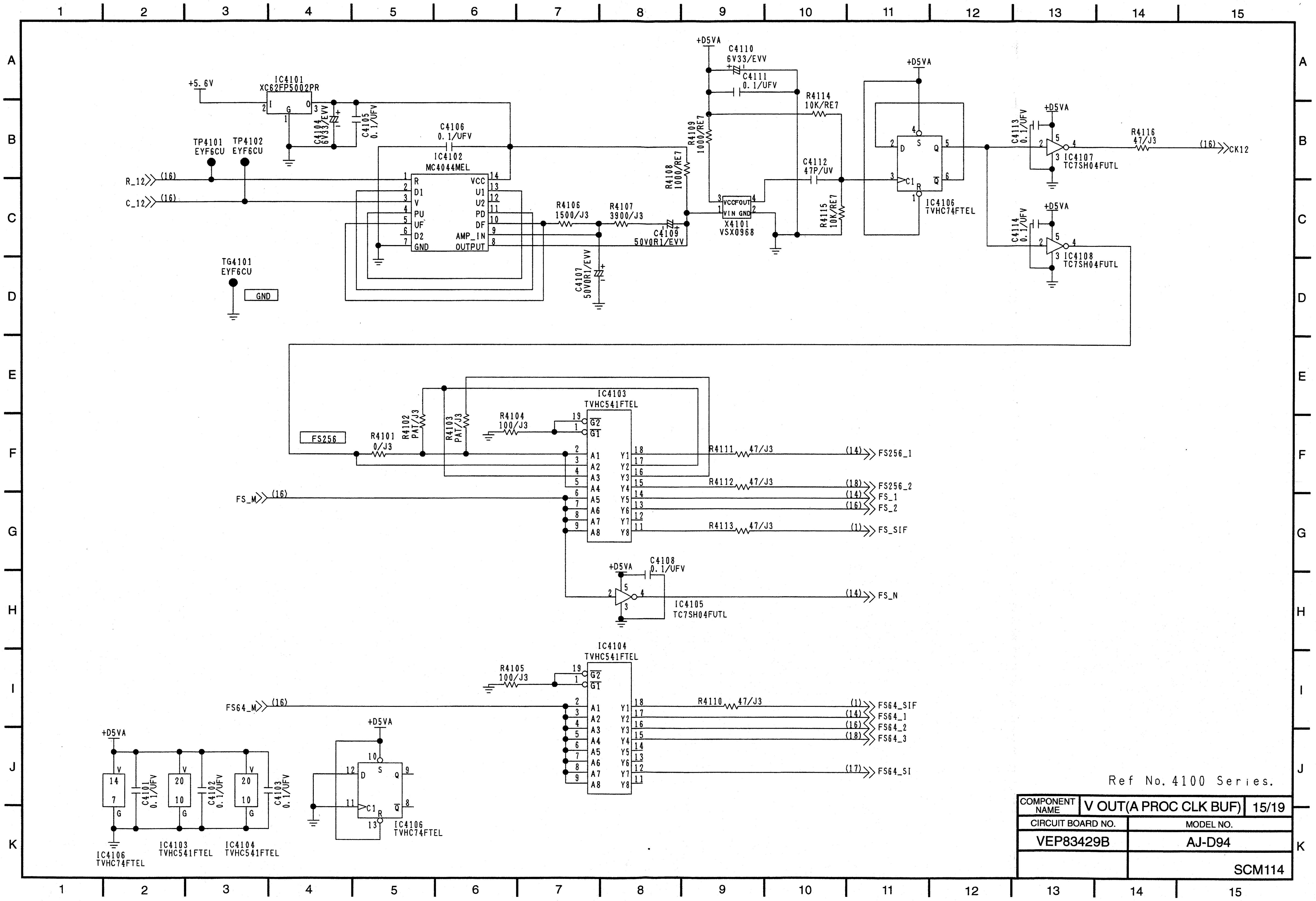
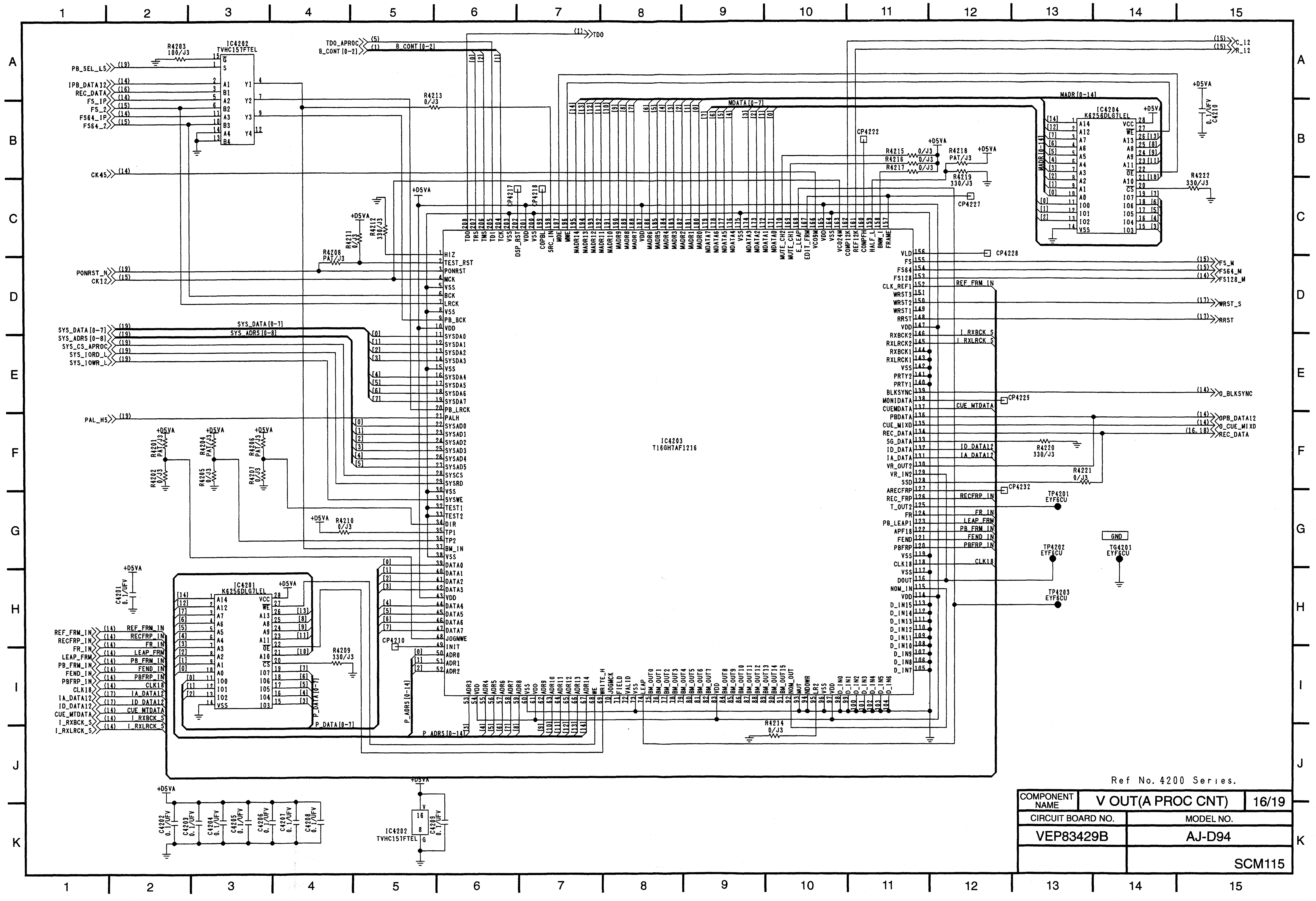

IC4101 XC62FP5002PR
+5.6V
C4104 6V33/EVV
C4105 0.1/UFV
C4106 0.1/UFV
IC4102 MC4044MEL
TP4101 EYF6CU
TP4102 EYF6CU
R_12 (16)
C_12 (16)
R4106 1500/J3
R4107 3900/J3
C4107 50V0R1/EVV
C4109 50V0R1/EVV
TG4101 EYF6CU
GND
+D5VA
C4110 6V33/EVV
C4111 0.1/UFV
R4109 1000/RE7
R4108 1000/RE7
R4114 10K/RE7
C4112 47P/UV
R4115 10K/RE7
X4101 VSX0968
IC4106 TVHC74FTEL
C4113 0.1/UFV
IC4107 TC7SH04FUTL
R4116 47/J3
(16) CK12
C4114 0.1/UFV
IC4108 TC7SH04FUTL
FS256
R4101 0/J3
R4102 PAT/J3
R4103 PAT/J3
R4104 100/J3
IC4103 TVHC541FTEL
R4111 47/J3
(14) FS256_1
R4112 47/J3
(18) FS256_2
(14) FS_1
(16) FS_2
R4113 47/J3
(1) FS_SIF
FS_M (16)
C4108 0.1/UFV
IC4105 TC7SH04FUTL
(14) FS_N
IC4104 TVHC541FTEL
R4105 100/J3
FS64_M (16)
R4110 47/J3
(1) FS64_SIF
(14) FS64_1
(16) FS64_2
(18) FS64_3
(17) FS64_SI
C4101 0.1/UFV
C4102 0.1/UFV
C4103 0.1/UFV
IC4106 TVHC74FTEL
IC4103 TVHC541FTEL
IC4104 TVHC541FTEL

Ref No. 4100 Series.

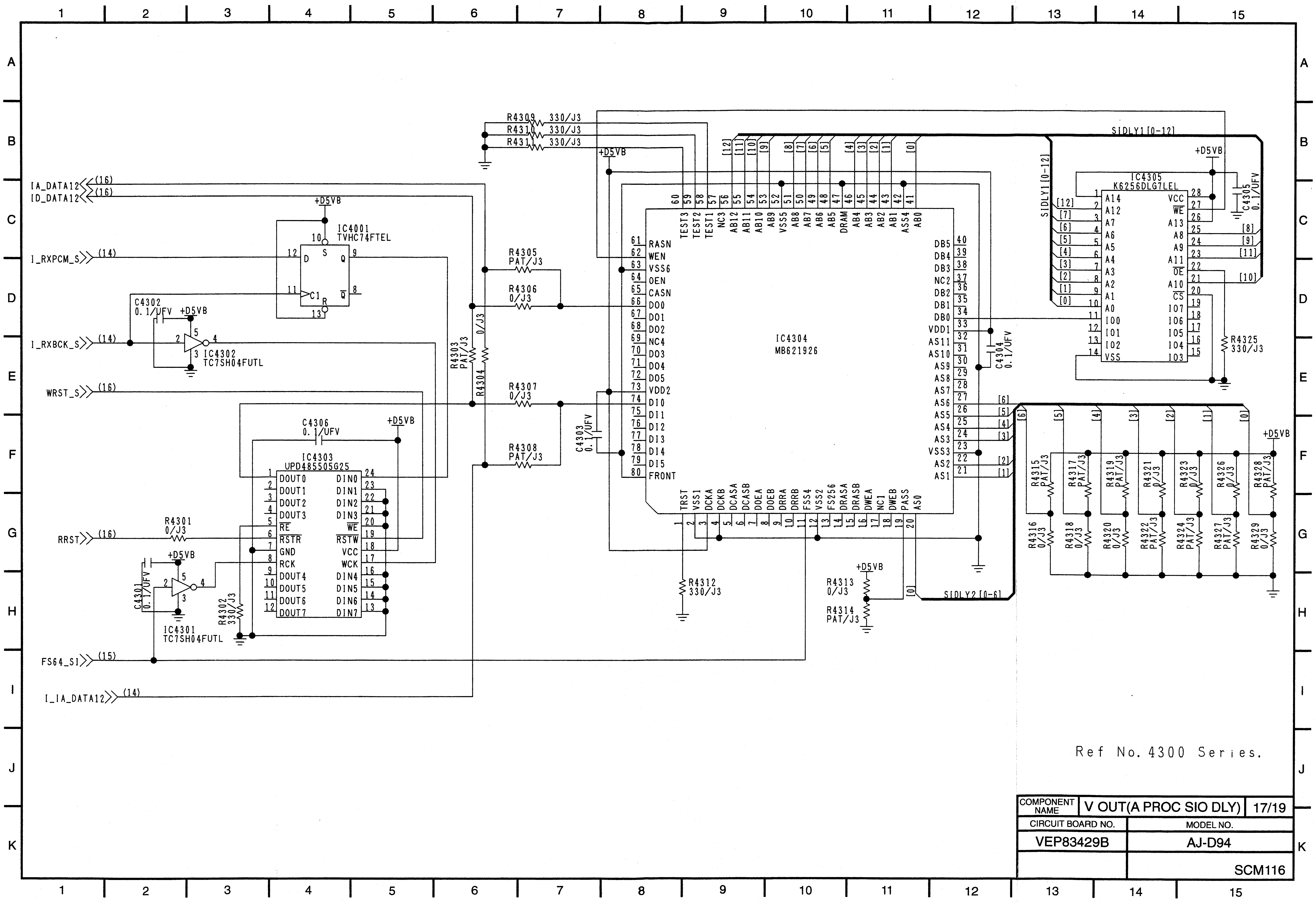
COMPONENT NAME	V OUT(A PROC CLK BUF)	15/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM114	


IC4202
TVHC157FTEL
IC4203
T16GH7AF1216
IC4204
K6256DLG7LEL
IC4201
K6256DLG7LEL
PB_SEL_L5
IPB_DATA12
REC_DATA
FS_IP
FS_2
FS64_IP
FS64_2
CK45
PONRST_N
CK12
SYS_DATA[0-7]
SYS_ADRS[0-8]
SYS_CS_APROC
SYS_IORD_L
SYS_IOWR_L
PAL_H5
TDO_APROC
B_CONT[0-2]
TDO
C_12
R_12
MADR[0-14]
MDATA[0-7]
FS_M
FS64_M
FS128_M
WRST_S
RRST
O_BLKSYNC
OPB_DATA12
O_CUE_MIXD
REC_DATA
REF_FRM_IN
RECFRP_IN
FR_IN
LEAP_FRM
PB_FRM_IN
FEND_IN
PBFRP_IN
CLK18
IA_DATA12
ID_DATA12
CUE_MTDATA
I_RXBCK_S
I_RXLRCK_S
P_ADRS[0-14]
P_DATA[0-7]
+D5VA
TP4201
TP4202
TP4203
TG4201
GND
EYF6CU

Ref No. 4200 Series.

COMPONENT NAME	V OUT(A PROC CNT)	16/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM115	

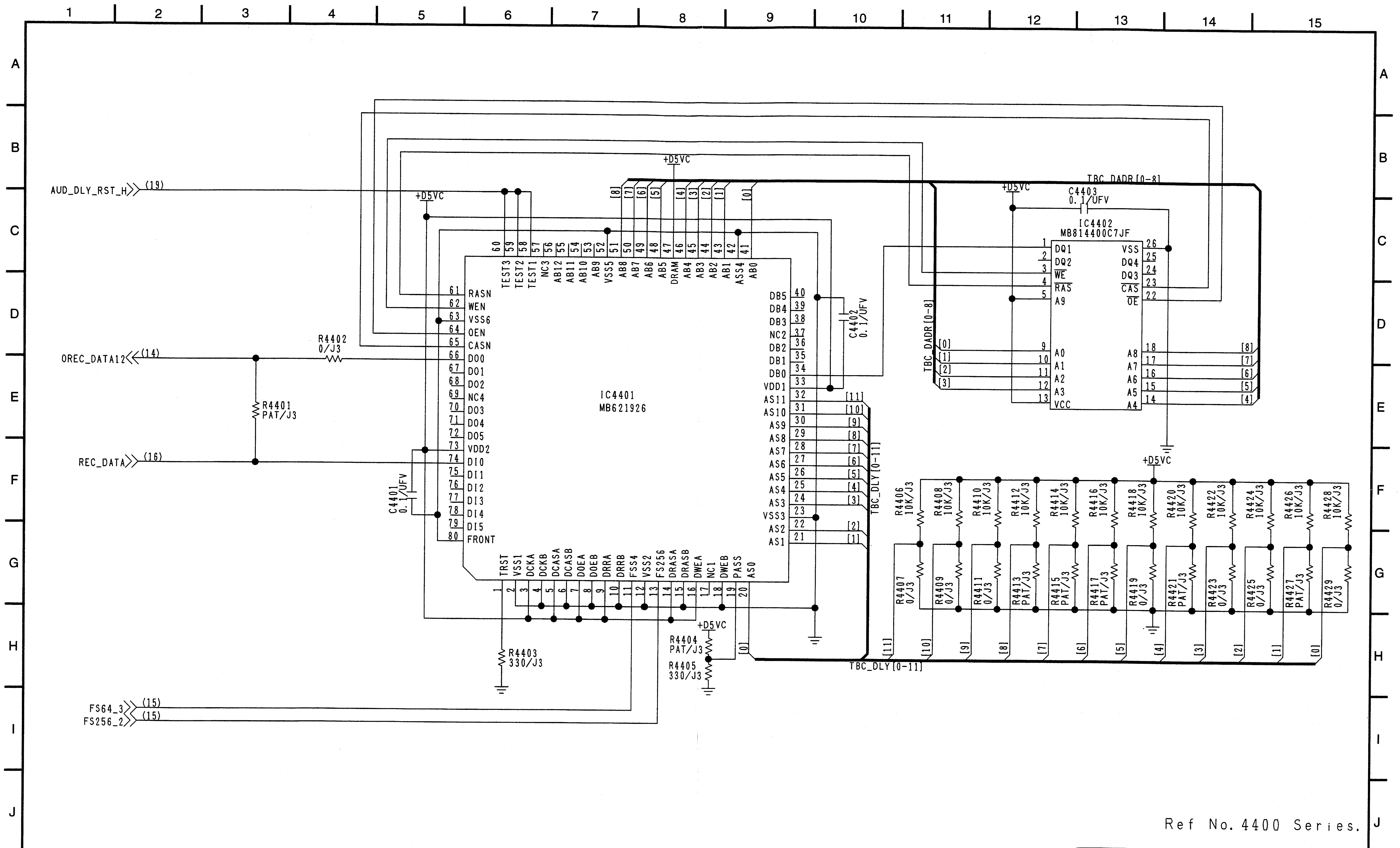
/IDE-V26967 / DRUCK124


IA_DATA12 (16)
ID_DATA12 (16)
I_RXPCM_S (14)
I_RXBCK_S (14)
WRST_S (16)
RRST (16)
FS64_SI (15)
I_IA_DATA12 (14)
IC4001 TVHC74FTEL
+D5VB
IC4302 TC7SH04FUTL
C4302 0.1/UFV
IC4301 TC7SH04FUTL
C4301 0.1/UFV
IC4303 UPD485505G25
C4306 0.1/UFV
R4301 0/J3
R4302 330/J3
R4303 PAT/J3
R4304 0/J3
R4305 PAT/J3
R4306 0/J3
R4307 0/J3
R4308 PAT/J3
R4309 330/J3
R4310 330/J3
R4311 330/J3
C4303 0.1/UFV
IC4304 MB621926
C4304 0.1/UFV
R4312 330/J3
R4313 0/J3
R4314 PAT/J3
IC4305 K6256DLG7LEL
C4305 0.1/UFV
R4325 330/J3
SIDLY1[0-12]
SIDLY2[0-6]
R4315 PAT/J3
R4316 0/J3
R4317 PAT/J3
R4318 0/J3
R4319 PAT/J3
R4320 0/J3
R4321 0/J3
R4322 PAT/J3
R4323 0/J3
R4324 PAT/J3
R4326 0/J3
R4327 PAT/J3
R4328 PAT/J3
R4329 0/J3

Ref No. 4300 Series.

COMPONENT NAME	V OUT(A PROC SIO DLY)	17/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM116	

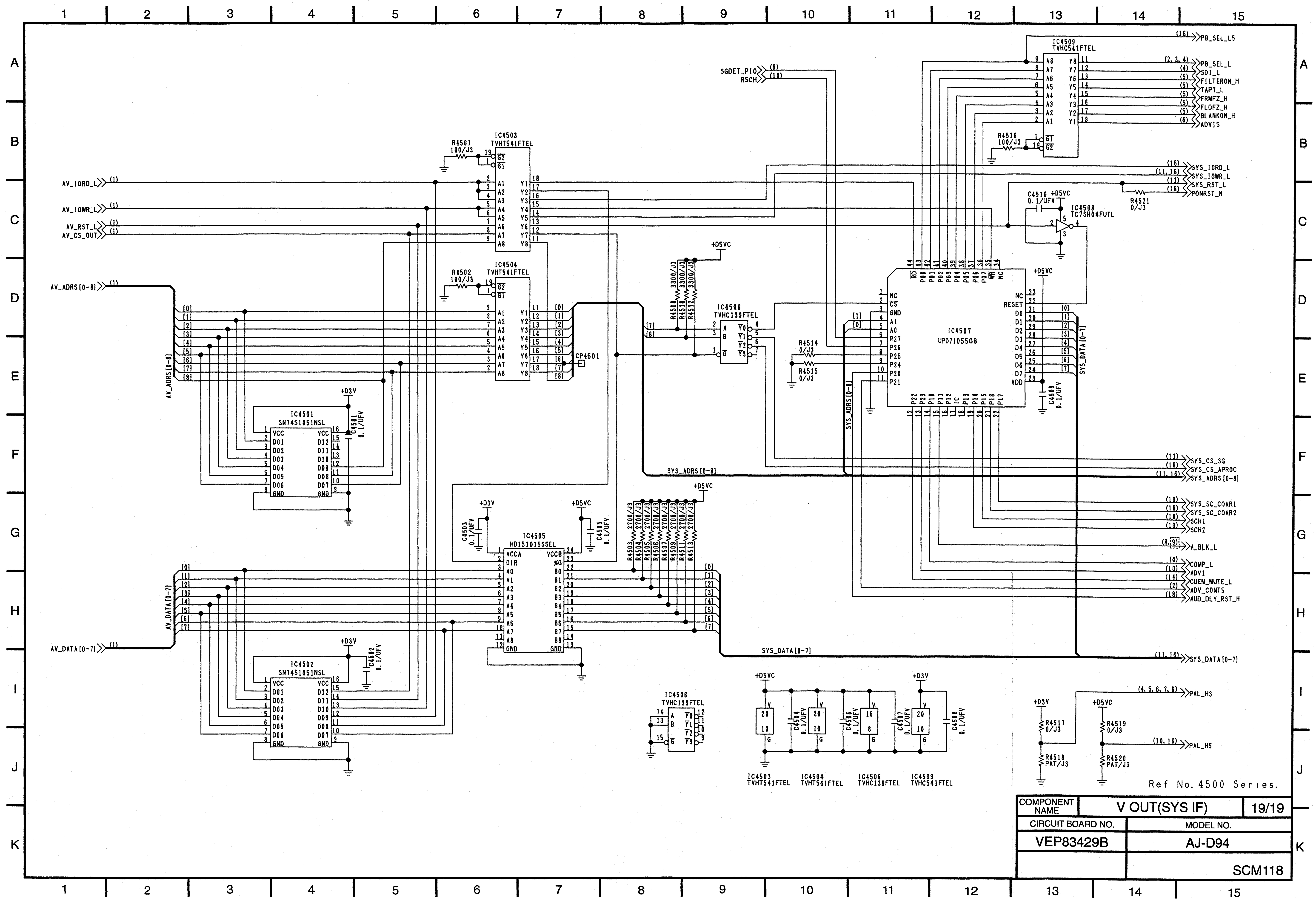
VIDE-V26967 / DRUCK125



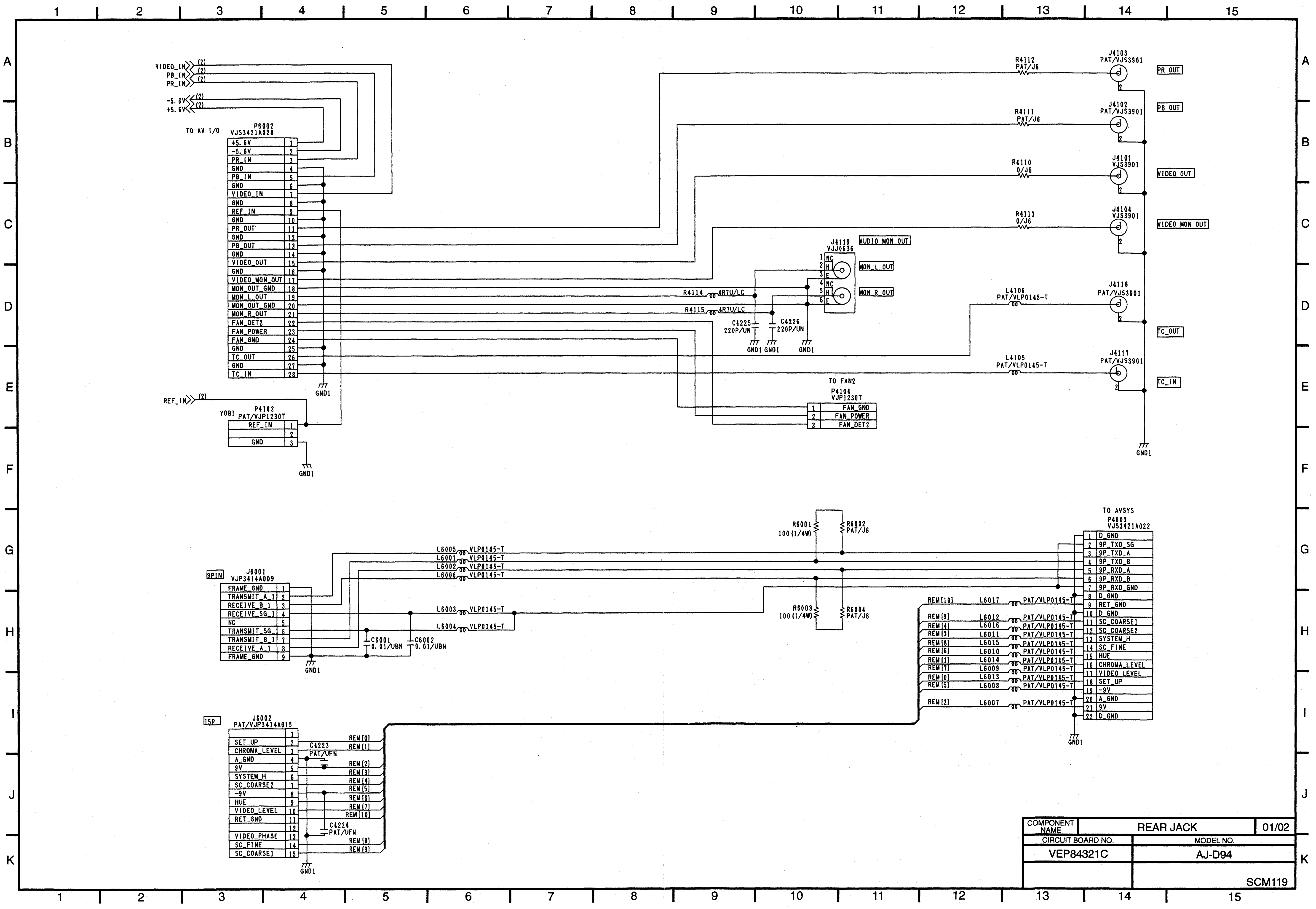
AUD_DLY_RST_H (19)
OREC_DATA12 (14)
REC_DATA (16)
FS64_3 (15)
FS256_2 (15)
R4402 0/J3
R4401 PAT/J3
C4401 0.1/UFV
+D5VC
IC4401
MB621926
RASN
WEN
VSS6
OEN
CASN
DO0
DO1
DO2
NC4
DO3
DO4
DO5
VDD2
DI0
DI1
DI2
DI3
DI4
DI5
FRONT
TEST3
TEST2
TEST1
NC3
AB12
AB11
AB10
AB9
VSS5
AB8
AB7
AB6
AB5
DRAM
AB4
AB3
AB2
AB1
ASS4
AB0
DB5
DB4
DB3
NC2
DB2
DB1
DB0
VDD1
AS11
AS10
AS9
AS8
AS7
AS6
AS5
AS4
AS3
VSS3
AS2
AS1
TRST
VSS1
DCKA
DCKB
DCASA
DCASB
DOEA
DOEB
DRRA
DRRB
FSS4
VSS2
FS256
DRASA
DRASB
DWEA
NC1
DWEB
PASS
AS0
C4402 0.1/UFV
R4403 330/J3
R4404 PAT/J3
R4405 330/J3
TBC_DADR[0-8]
C4403 0.1/UFV
IC4402
MB814400C7JF
DQ1
DQ2
WE
RAS
A9
A0
A1
A2
A3
VCC
VSS
DQ4
DQ3
CAS
OE
A8
A7
A6
A5
A4
TBC_DLY[0-11]
R4406 10K/J3
R4408 10K/J3
R4410 10K/J3
R4412 10K/J3
R4414 10K/J3
R4416 10K/J3
R4418 10K/J3
R4420 10K/J3
R4422 10K/J3
R4424 10K/J3
R4426 10K/J3
R4428 10K/J3
R4407 0/J3
R4409 0/J3
R4411 0/J3
R4413 PAT/J3
R4415 PAT/J3
R4417 PAT/J3
R4419 0/J3
R4421 PAT/J3
R4423 0/J3
R4425 0/J3
R4427 PAT/J3
R4429 0/J3

Ref No. 4400 Series.

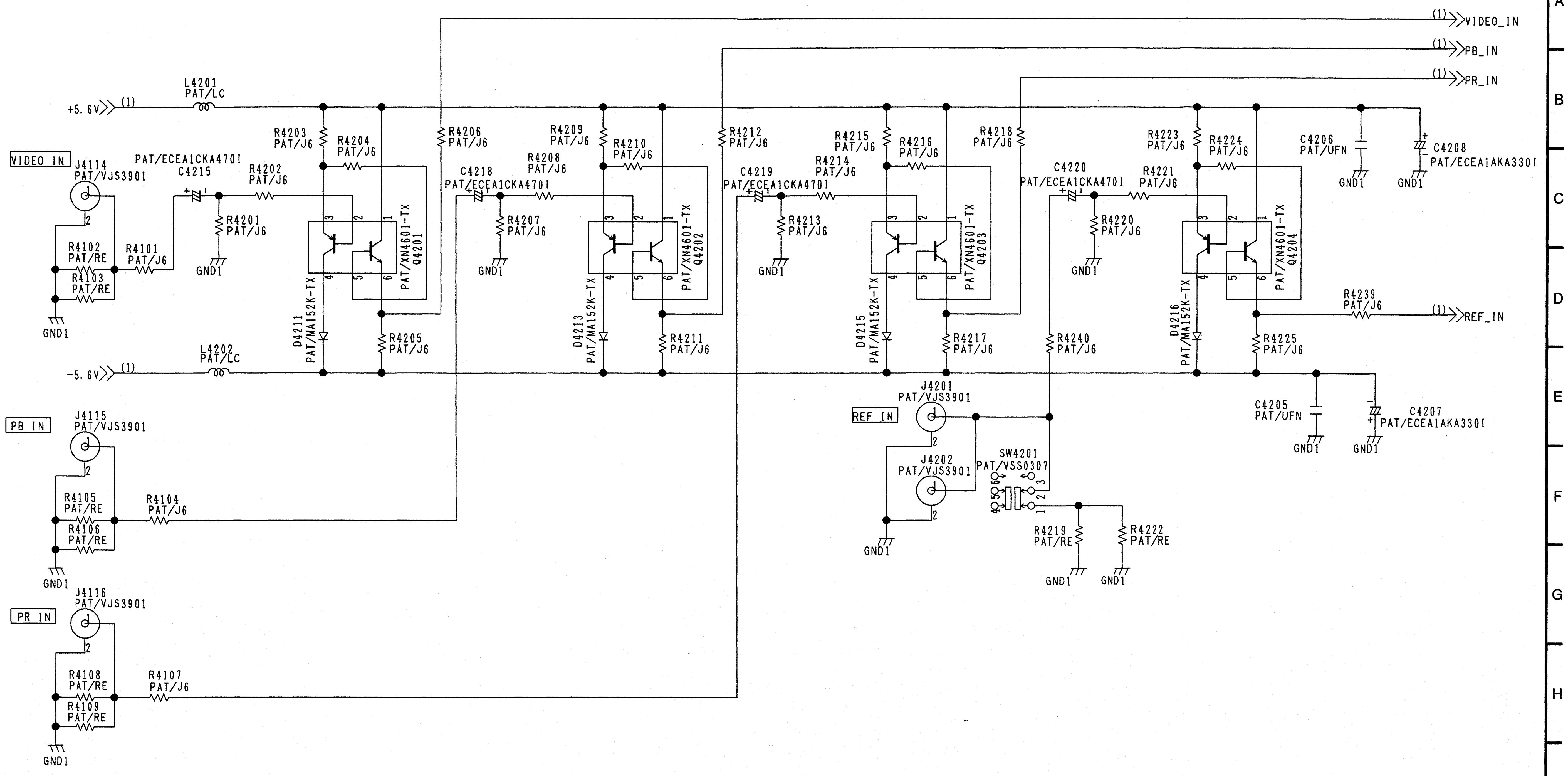
COMPONENT NAME	V OUT(A PROC TBC DLY)	18/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM117	


IC4503
TVHT541FTEL
IC4504
TVHT541FTEL
IC4501
SN74S1051NSL
IC4502
SN74S1051NSL
IC4505
HD151015SSEL
IC4506
TVHC139FTEL
IC4507
UPD71055GB
IC4508
TC7SH04FUTL
IC4509
TVHC541FTEL
R4501
100/J3
R4502
100/J3
R4516
100/J3
R4521
0/J3
R4514
0/J3
R4515
0/J3
R4508
R4510
R4512
3300/J3
R4503
R4504
R4505
R4506
R4507
R4509
R4511
R4513
2700/J3
R4517
0/J3
R4518
PAT/J3
R4519
0/J3
R4520
PAT/J3
C4501
C4502
C4503
C4504
C4505
C4506
C4507
C4508
C4509
C4510
0.1/UFV
CP4501
+D3V
+D5VC
AV_IORD_L
AV_IOWR_L
AV_RST_L
AV_CS_OUT
AV_ADRS[0-8]
AV_DATA[0-7]
SGDET_P10
RSCH
SYS_ADRS[0-8]
SYS_DATA[0-7]
PB_SEL_L5
PB_SEL_L
SDI_L
FILTERON_H
TAP7_L
FRMFZ_H
FLDFZ_H
BLANKON_H
ADV1S
SYS_IORD_L
SYS_IOWR_L
SYS_RST_L
PONRST_N
SYS_CS_SG
SYS_CS_APROC
SYS_ADRS[0-8]
SYS_SC_COAR1
SYS_SC_COAR2
SCH1
SCH2
A_BLK_L
COMP_L
ADV1
CUEM_MUTE_L
ADV_CONT5
AUD_DLY_RST_H
SYS_DATA[0-7]
PAL_H3
PAL_H5
IC4503
TVHT541FTEL
IC4504
TVHT541FTEL
IC4506
TVHC139FTEL
IC4509
TVHC541FTEL
Ref No. 4500 Series.

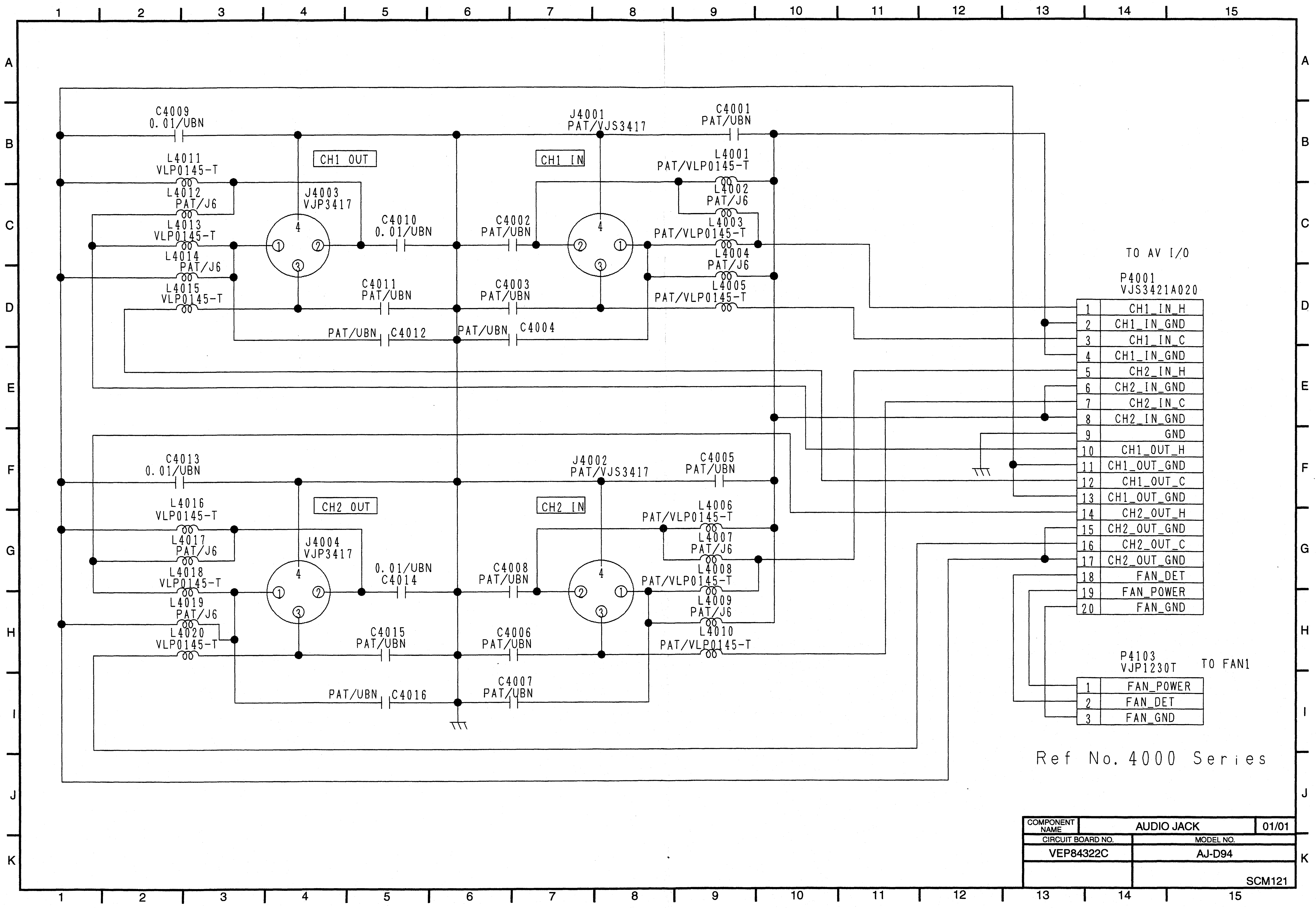
COMPONENT NAME	V OUT(SYS IF)	19/19
CIRCUIT BOARD NO.	MODEL NO.	
VEP83429B	AJ-D94	
	SCM118	


TO AV I/O
P6002
VJS3421A028
+5.6V
-5.6V
PR_IN
GND
PB_IN
VIDEO_IN
REF_IN
PR_OUT
PB_OUT
VIDEO_OUT
VIDEO_MON_OUT
MON_OUT_GND
MON_L_OUT
MON_R_OUT
FAN_DET2
FAN_POWER
FAN_GND
TC_OUT
TC_IN
GND1
VIDEO_IN (2)
PB_IN (2)
PR_IN (2)
-5.6V (2)
+5.6V (2)
REF_IN (2)
Y081
P4102
PAT/VJP1230T
R4112
PAT/J6
J4103
PAT/VJS3901
PR OUT
R4111
PAT/J6
J4102
PAT/VJS3901
PB OUT
R4110
0/J6
J4101
VJS3901
VIDEO OUT
R4113
0/J6
J4104
VJS3901
VIDEO MON OUT
J4119
VJJ0636
AUDIO MON OUT
NC
H
E
MON L OUT
MON R OUT
R4114 4R7U/LC
R4115 4R7U/LC
C4225 220P/UN
C4226 220P/UN
L4106
PAT/VLP0145-T
J4118
PAT/VJS3901
TC_OUT
L4105
PAT/VLP0145-T
J4117
PAT/VJS3901
TC_IN
TO FAN2
P4104
VJP1230T
9PIN
J6001
VJP3414A009
FRAME_GND
TRANSMIT_A_1
RECEIVE_B_1
RECEIVE_SG_1
NC
TRANSMIT_SG_
TRANSMIT_B_1
RECEIVE_A_1
L6005 VLP0145-T
L6001 VLP0145-T
L6002 VLP0145-T
L6006 VLP0145-T
L6003 VLP0145-T
L6004 VLP0145-T
C6001 0.01/UBN
C6002 0.01/UBN
R6001 100(1/4W)
R6002 PAT/J6
R6003 100(1/4W)
R6004 PAT/J6
TO AVSYS
P4003
VJS3421A022
D_GND
9P_TXD_SG
9P_TXD_A
9P_TXD_B
9P_RXD_A
9P_RXD_B
9P_RXD_GND
RET_GND
SC_COARSE1
SC_COARSE2
SYSTEM_H
SC_FINE
HUE
CHROMA_LEVEL
VIDEO_LEVEL
SET_UP
-9V
A_GND
9V
REM[10] L6017 PAT/VLP0145-T
REM[9] L6012 PAT/VLP0145-T
REM[4] L6016 PAT/VLP0145-T
REM[3] L6011 PAT/VLP0145-T
REM[8] L6015 PAT/VLP0145-T
REM[6] L6010 PAT/VLP0145-T
REM[1] L6014 PAT/VLP0145-T
REM[7] L6009 PAT/VLP0145-T
REM[0] L6013 PAT/VLP0145-T
REM[5] L6008 PAT/VLP0145-T
REM[2] L6007 PAT/VLP0145-T
15P
J6002
PAT/VJP3414A015
VIDEO_PHASE
C4223 PAT/UFN
C4224 PAT/UFN
REM[0]
REM[1]
REM[2]
REM[3]
REM[4]
REM[5]
REM[6]
REM[7]
REM[10]
REM[8]
REM[9]

COMPONENT NAME	REAR JACK	01/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP84321C	AJ-D94	
	SCM119	

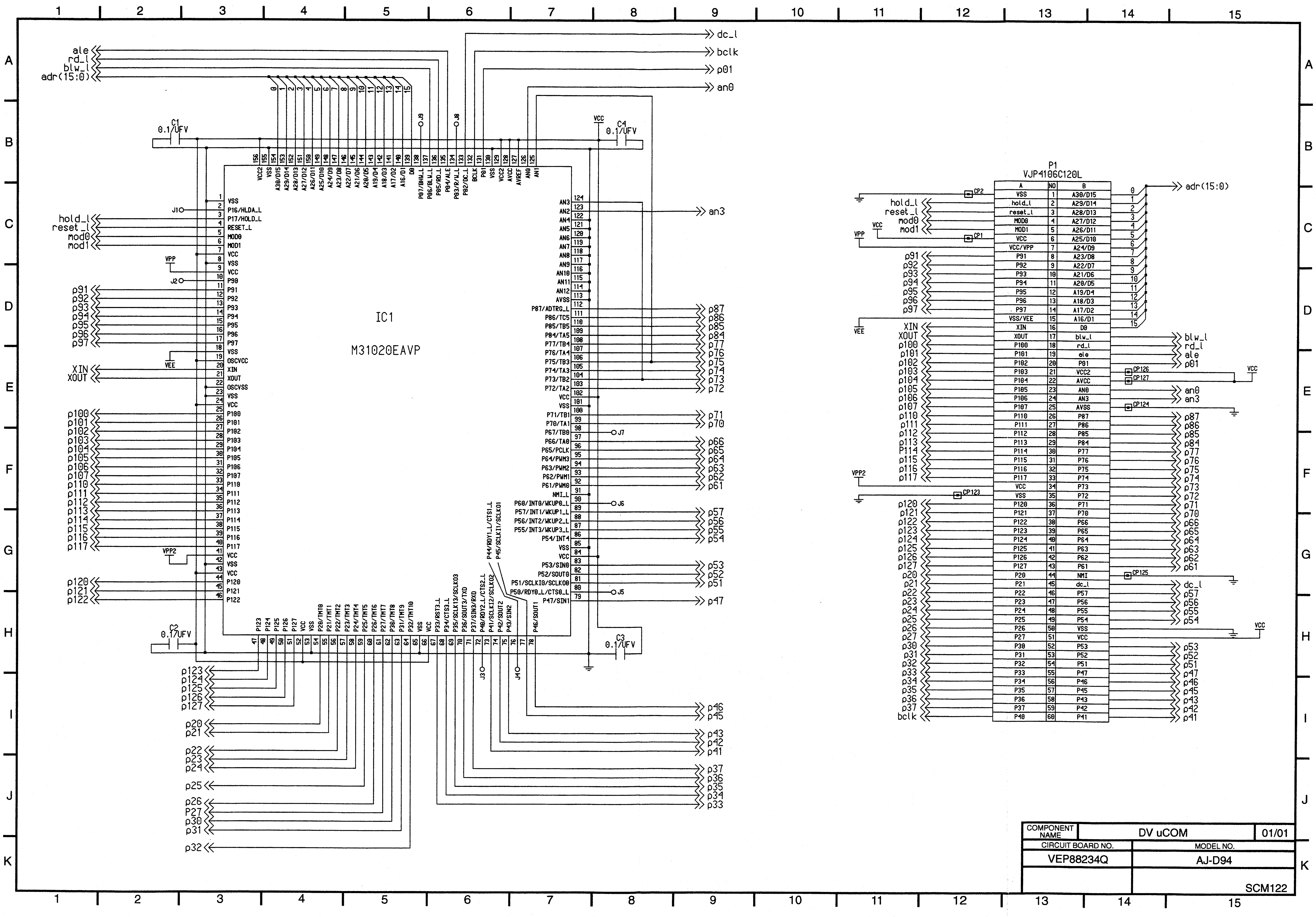

(1) VIDEO_IN
(1) PB_IN
(1) PR_IN
(1) REF_IN
+5.6V (1)
-5.6V (1)
L4201 PAT/LC
L4202 PAT/LC
VIDEO IN
J4114 PAT/VJS3901
PB IN
J4115 PAT/VJS3901
PR IN
J4116 PAT/VJS3901
REF IN
J4201 PAT/VJS3901
J4202 PAT/VJS3901
SW4201 PAT/VSS0307
R4101 PAT/J6
R4102 PAT/RE
R4103 PAT/RE
R4104 PAT/J6
R4105 PAT/RE
R4106 PAT/RE
R4107 PAT/J6
R4108 PAT/RE
R4109 PAT/RE
C4215 PAT/ECEA1CKA470I
C4218 PAT/ECEA1CKA470I
C4219 PAT/ECEA1CKA470I
C4220 PAT/ECEA1CKA470I
R4201 PAT/J6
R4202 PAT/J6
R4203 PAT/J6
R4204 PAT/J6
R4205 PAT/J6
R4206 PAT/J6
R4207 PAT/J6
R4208 PAT/J6
R4209 PAT/J6
R4210 PAT/J6
R4211 PAT/J6
R4212 PAT/J6
R4213 PAT/J6
R4214 PAT/J6
R4215 PAT/J6
R4216 PAT/J6
R4217 PAT/J6
R4218 PAT/J6
R4219 PAT/RE
R4220 PAT/J6
R4221 PAT/J6
R4222 PAT/RE
R4223 PAT/J6
R4224 PAT/J6
R4225 PAT/J6
R4239 PAT/J6
R4240 PAT/J6
Q4201 PAT/XN4601-TX
Q4202 PAT/XN4601-TX
Q4203 PAT/XN4601-TX
Q4204 PAT/XN4601-TX
D4211 PAT/MA152K-TX
D4213 PAT/MA152K-TX
D4215 PAT/MA152K-TX
D4216 PAT/MA152K-TX
C4205 PAT/UFN
C4206 PAT/UFN
C4207 PAT/ECEA1AKA330I
C4208 PAT/ECEA1AKA330I
GND1

COMPONENT NAME	REAR JACK	02/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP84321C	AJ-D94	
	SCM120	

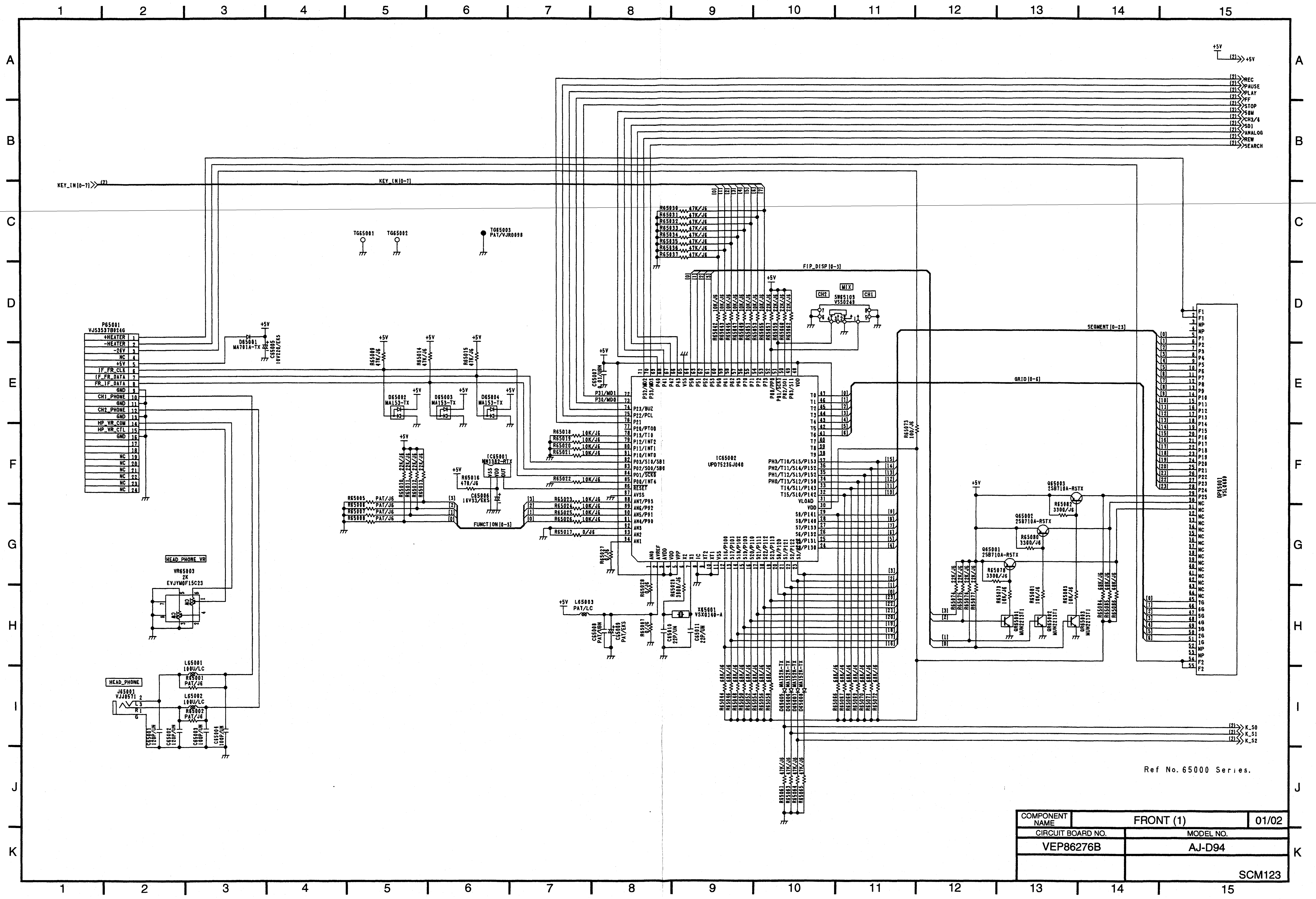

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K
C4009
0.01/UBN
L4011
VLP0145-T
L4012
PAT/J6
L4013
VLP0145-T
L4014
PAT/J6
L4015
VLP0145-T
CH1 OUT
J4003
VJP3417
C4010
0.01/UBN
C4011
PAT/UBN
PAT/UBN C4012
PAT/UBN C4004
J4001
PAT/VJS3417
CH1 IN
C4002
PAT/UBN
C4003
PAT/UBN
C4001
PAT/UBN
L4001
PAT/VLP0145-T
L4002
PAT/J6
L4003
PAT/VLP0145-T
L4004
PAT/J6
L4005
PAT/VLP0145-T
C4013
0.01/UBN
L4016
VLP0145-T
L4017
PAT/J6
L4018
VLP0145-T
L4019
PAT/J6
L4020
VLP0145-T
CH2 OUT
J4004
VJP3417
0.01/UBN
C4014
C4015
PAT/UBN
PAT/UBN C4016
J4002
PAT/VJS3417
CH2 IN
C4008
PAT/UBN
C4006
PAT/UBN
C4007
PAT/UBN
C4005
PAT/UBN
L4006
PAT/VLP0145-T
L4007
PAT/J6
L4008
PAT/VLP0145-T
L4009
PAT/J6
L4010
PAT/VLP0145-T
TO AV I/O
P4001
VJS3421A020
1 CH1_IN_H
2 CH1_IN_GND
3 CH1_IN_C
4 CH1_IN_GND
5 CH2_IN_H
6 CH2_IN_GND
7 CH2_IN_C
8 CH2_IN_GND
9 GND
10 CH1_OUT_H
11 CH1_OUT_GND
12 CH1_OUT_C
13 CH1_OUT_GND
14 CH2_OUT_H
15 CH2_OUT_GND
16 CH2_OUT_C
17 CH2_OUT_GND
18 FAN_DET
19 FAN_POWER
20 FAN_GND
P4103
VJP1230T
TO FAN1
1 FAN_POWER
2 FAN_DET
3 FAN_GND
Ref No. 4000 Series

COMPONENT NAME	AUDIO JACK		01/01
CIRCUIT BOARD NO.		MODEL NO.	
VEP84322C		AJ-D94	
		SCM121	

VIDE-V26967 / DRUCK130


IC1
M31020EAVP
P1
VJP4106C120L
C1
0.1/UFV
C2
0.1/UFV
C3
0.1/UFV
C4
0.1/UFV
VCC
VPP
VPP2
VEE
J1
J2
J3
J4
J5
J6
J7
J8
J9
CP1
CP2
CP123
CP124
CP125
CP126
CP127
ale
rd_l
blw_l
adr(15:0)
dc_l
bclk
p01
an0
an3
hold_l
reset_l
mod0
mod1
XIN
XOUT
p91
p92
p93
p94
p95
p96
p97
p100
p101
p102
p103
p104
p105
p106
p107
p110
p111
p112
p113
p114
p115
p116
p117
p120
p121
p122
p123
p124
p125
p126
p127
p20
p21
p22
p23
p24
p25
p26
p27
p30
p31
p32
p33
p34
p35
p36
p37
p41
p42
p43
p45
p46
p47
p51
p52
p53
p54
p55
p56
p57
p61
p62
p63
p64
p65
p66
p70
p71
p72
p73
p74
p75
p76
p77
p84
p85
p86
p87
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
A
B
C
D
E
F
G
H
I
J
K

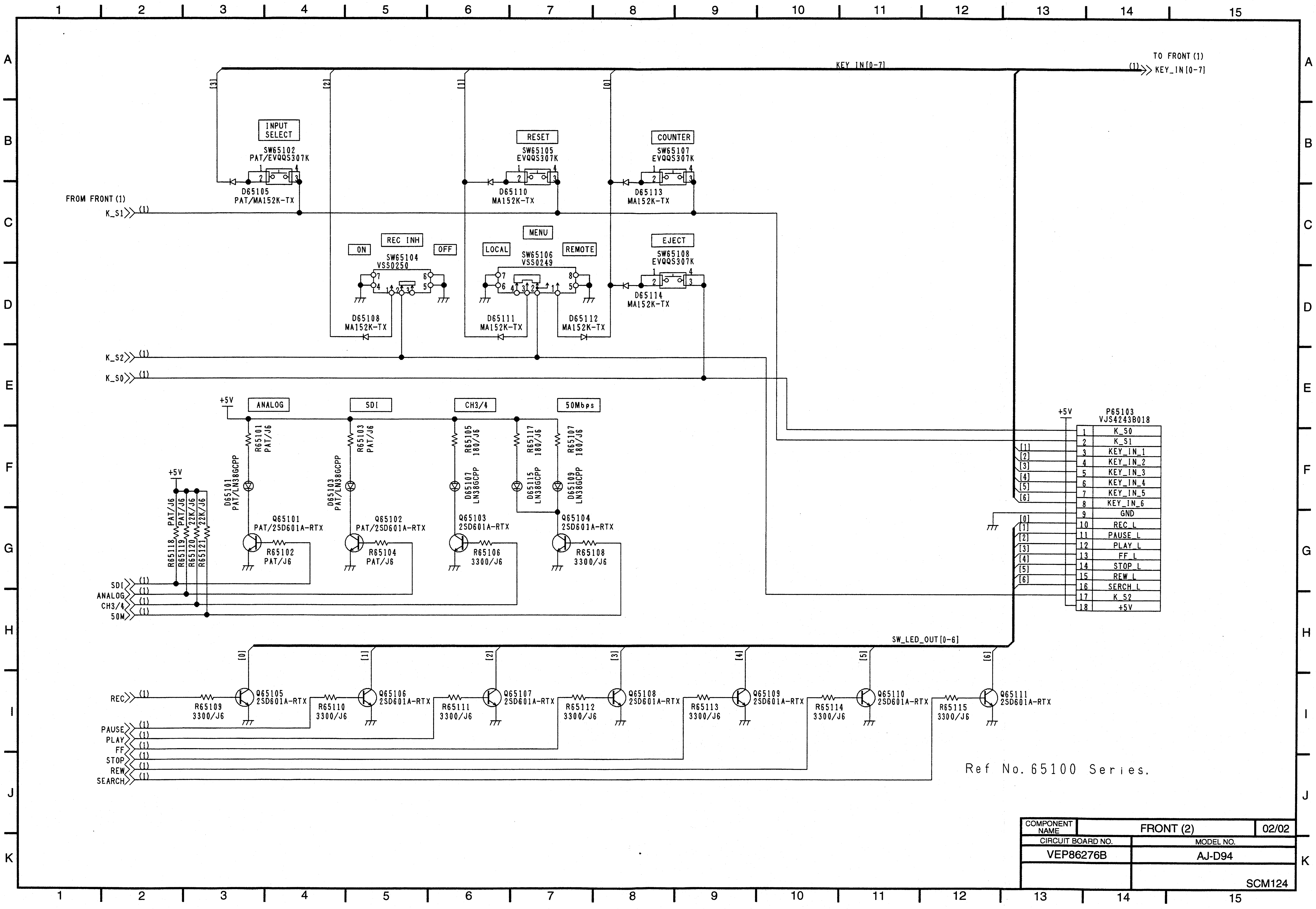
COMPONENT NAME	DV uCOM	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP88234Q	AJ-D94	
	SCM122	


KEY_IN[0-7]
P65001
VJS3537B024G
+HEATER
-HEATER
-26V
NC
+5V
IF_FR_CLK
IF_FR_DATA
FR_IF_DATA
GND
CH1_PHONE
CH2_PHONE
HP_VR_COM
HP_VR_CTL
D65001
MA701A-TX
TG65001
TG65002
TG65003
PAT/VJR0098
D65002
MA153-TX
D65003
MA153-TX
D65004
MA153-TX
IC65001
MN1382-RTX
FUNCTION[0-3]
HEAD_PHONE_VR
VR65003
2K
EVJYM0F15C23
HEAD_PHONE
J65001
VJJ0571
L65001
100U/LC
L65002
100U/LC
IC65002
UPD75236J040
X65001
VSX0140-A
L65003
PAT/LC
FIP_DISP[0-3]
CH2
MIX
CH1
SW65103
VSS0248
SEGMENT[0-23]
GRID[0-6]
Q65003
2SB710A-RSTX
Q65002
2SB710A-RSTX
Q65001
2SB710A-RSTX
QR65001
UMN2213T1
QR65002
UMN2213T1
QR65003
UMN2213T1
DP65001
VSL0409
REC
PAUSE
PLAY
FF
STOP
50M
CH3/4
SDI
ANALOG
REW
SEARCH
+5V
K_S0
K_S1
K_S2

Ref No. 65000 Series.

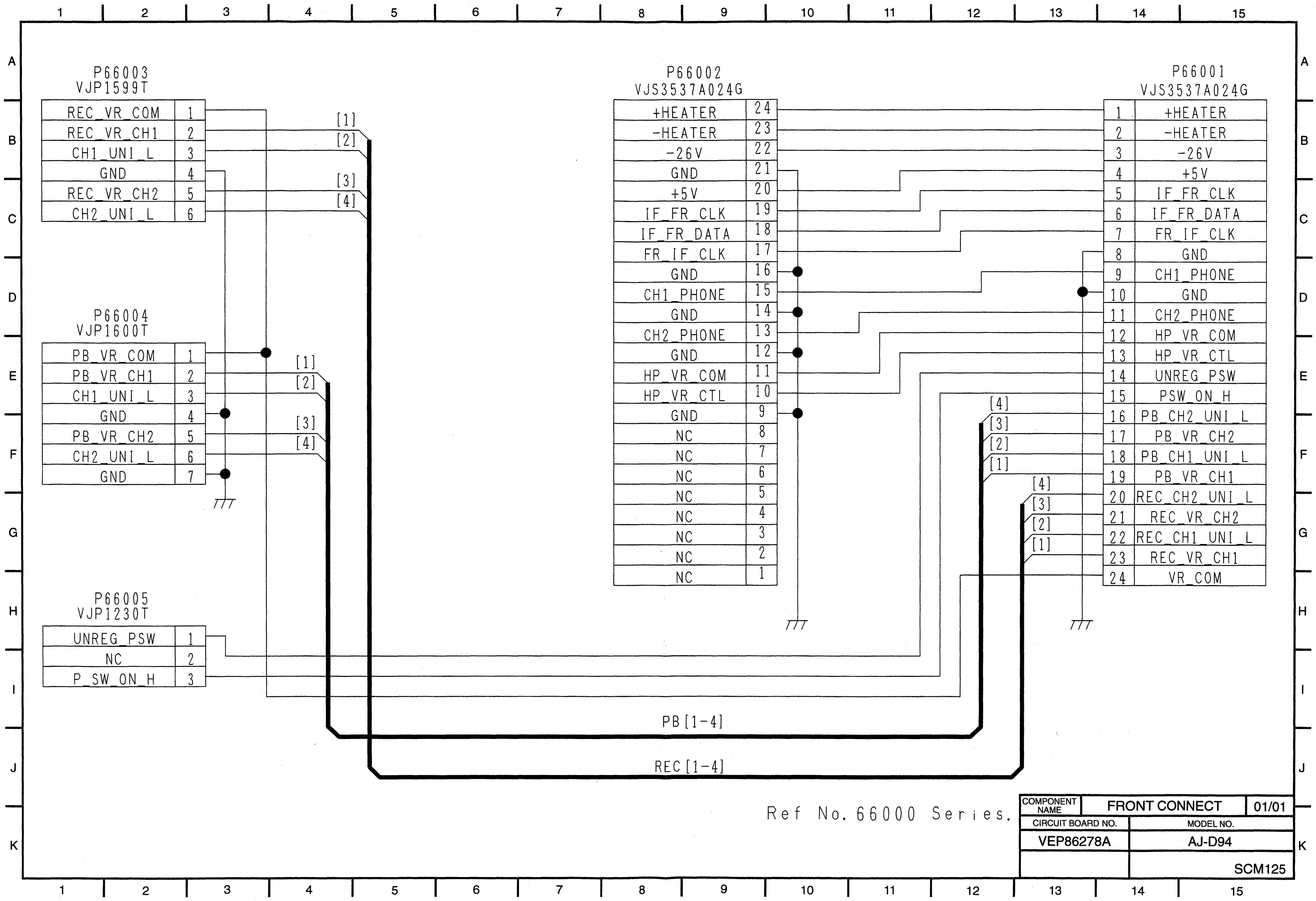
COMPONENT NAME	FRONT (1)	01/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP86276B	AJ-D94	
	SCM123	

VIDE-V26967 / DRUCK132


KEY_IN[0-7]
TO FRONT (1)
(1) KEY_IN[0-7]
INPUT SELECT
SW65102 PAT/EVQQS307K
D65105 PAT/MA152K-TX
RESET
SW65105 EVQQS307K
D65110 MA152K-TX
COUNTER
SW65107 EVQQS307K
D65113 MA152K-TX
FROM FRONT (1)
K_S1 (1)
REC INH
ON
OFF
SW65104 VSS0250
MENU
LOCAL
REMOTE
SW65106 VSS0249
EJECT
SW65108 EVQQS307K
D65114 MA152K-TX
D65108 MA152K-TX
D65111 MA152K-TX
D65112 MA152K-TX
K_S2 (1)
K_S0 (1)
+5V
ANALOG
SDI
CH3/4
50Mbps
R65101 PAT/J6
R65103 PAT/J6
R65105 180/J6
R65117 180/J6
R65107 180/J6
D65101 PAT/LN38GCPP
D65103 PAT/LN38GCPP
D65107 LN38GCPP
D65115 LN38GCPP
D65109 LN38GCPP
Q65101 PAT/2SD601A-RTX
Q65102 PAT/2SD601A-RTX
Q65103 2SD601A-RTX
Q65104 2SD601A-RTX
R65102 PAT/J6
R65104 PAT/J6
R65106 3300/J6
R65108 3300/J6
R65118 PAT/J6
R65119 PAT/J6
R65120 22K/J6
R65121 22K/J6
SDI (1)
ANALOG (1)
CH3/4 (1)
50M (1)
P65103 VJS4243B018
1 K_S0
2 K_S1
3 KEY_IN_1
4 KEY_IN_2
5 KEY_IN_3
6 KEY_IN_4
7 KEY_IN_5
8 KEY_IN_6
9 GND
10 REC_L
11 PAUSE_L
12 PLAY_L
13 FF_L
14 STOP_L
15 REW_L
16 SERCH_L
17 K_S2
18 +5V
SW_LED_OUT[0-6]
REC (1)
PAUSE (1)
PLAY (1)
FF (1)
STOP (1)
REW (1)
SEARCH (1)
R65109 3300/J6
R65110 3300/J6
R65111 3300/J6
R65112 3300/J6
R65113 3300/J6
R65114 3300/J6
R65115 3300/J6
Q65105 2SD601A-RTX
Q65106 2SD601A-RTX
Q65107 2SD601A-RTX
Q65108 2SD601A-RTX
Q65109 2SD601A-RTX
Q65110 2SD601A-RTX
Q65111 2SD601A-RTX
Ref No. 65100 Series.

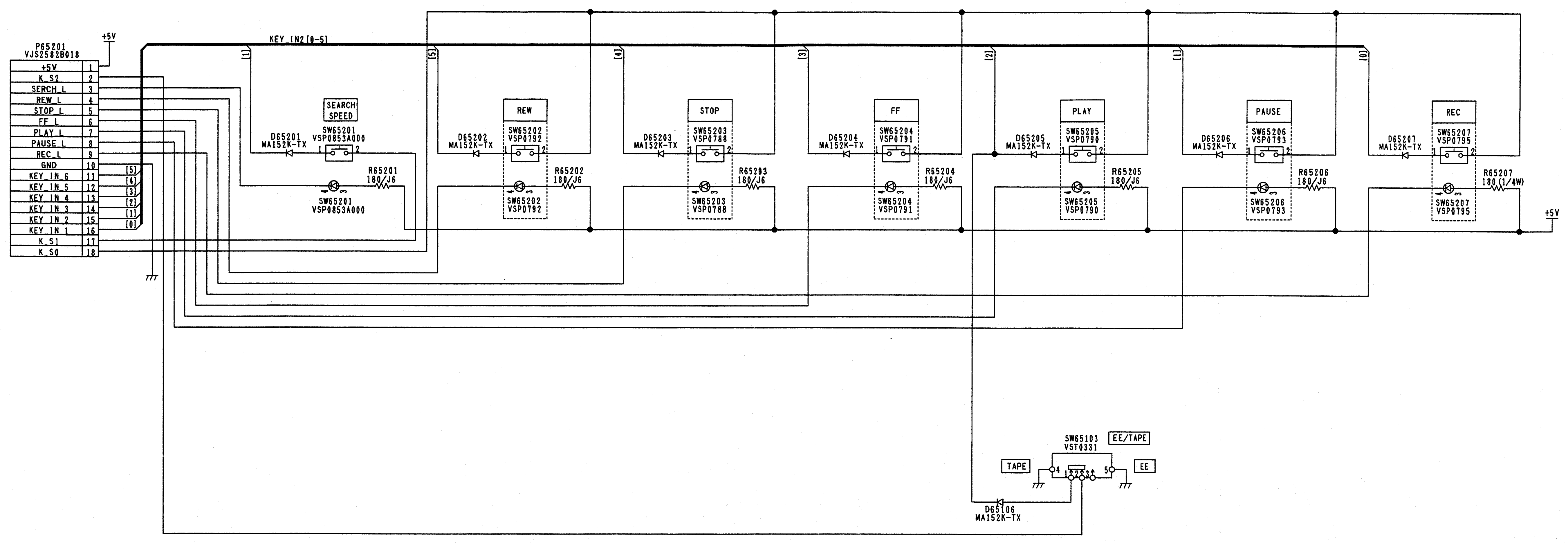
COMPONENT NAME	FRONT (2)	02/02
CIRCUIT BOARD NO.	MODEL NO.	
VEP86276B	AJ-D94	

SCM124


P66003
VJP1599T
REC_VR_COM 1
REC_VR_CH1 2
CH1_UNI_L 3
GND 4
REC_VR_CH2 5
CH2_UNI_L 6
P66004
VJP1600T
PB_VR_COM 1
PB_VR_CH1 2
CH1_UNI_L 3
GND 4
PB_VR_CH2 5
CH2_UNI_L 6
GND 7
P66005
VJP1230T
UNREG_PSW 1
NC 2
P_SW_ON_H 3
P66002
VJS3537A024G
+HEATER 24
-HEATER 23
-26V 22
GND 21
+5V 20
IF_FR_CLK 19
IF_FR_DATA 18
FR_IF_CLK 17
GND 16
CH1_PHONE 15
GND 14
CH2_PHONE 13
GND 12
HP_VR_COM 11
HP_VR_CTL 10
GND 9
NC 8
NC 7
NC 6
NC 5
NC 4
NC 3
NC 2
NC 1
P66001
VJS3537A024G
1 +HEATER
2 -HEATER
3 -26V
4 +5V
5 IF_FR_CLK
6 IF_FR_DATA
7 FR_IF_CLK
8 GND
9 CH1_PHONE
10 GND
11 CH2_PHONE
12 HP_VR_COM
13 HP_VR_CTL
14 UNREG_PSW
15 PSW_ON_H
16 PB_CH2_UNI_L
17 PB_VR_CH2
18 PB_CH1_UNI_L
19 PB_VR_CH1
20 REC_CH2_UNI_L
21 REC_VR_CH2
22 REC_CH1_UNI_L
23 REC_VR_CH1
24 VR_COM
[1]
[2]
[3]
[4]
PB[1-4]
REC[1-4]
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

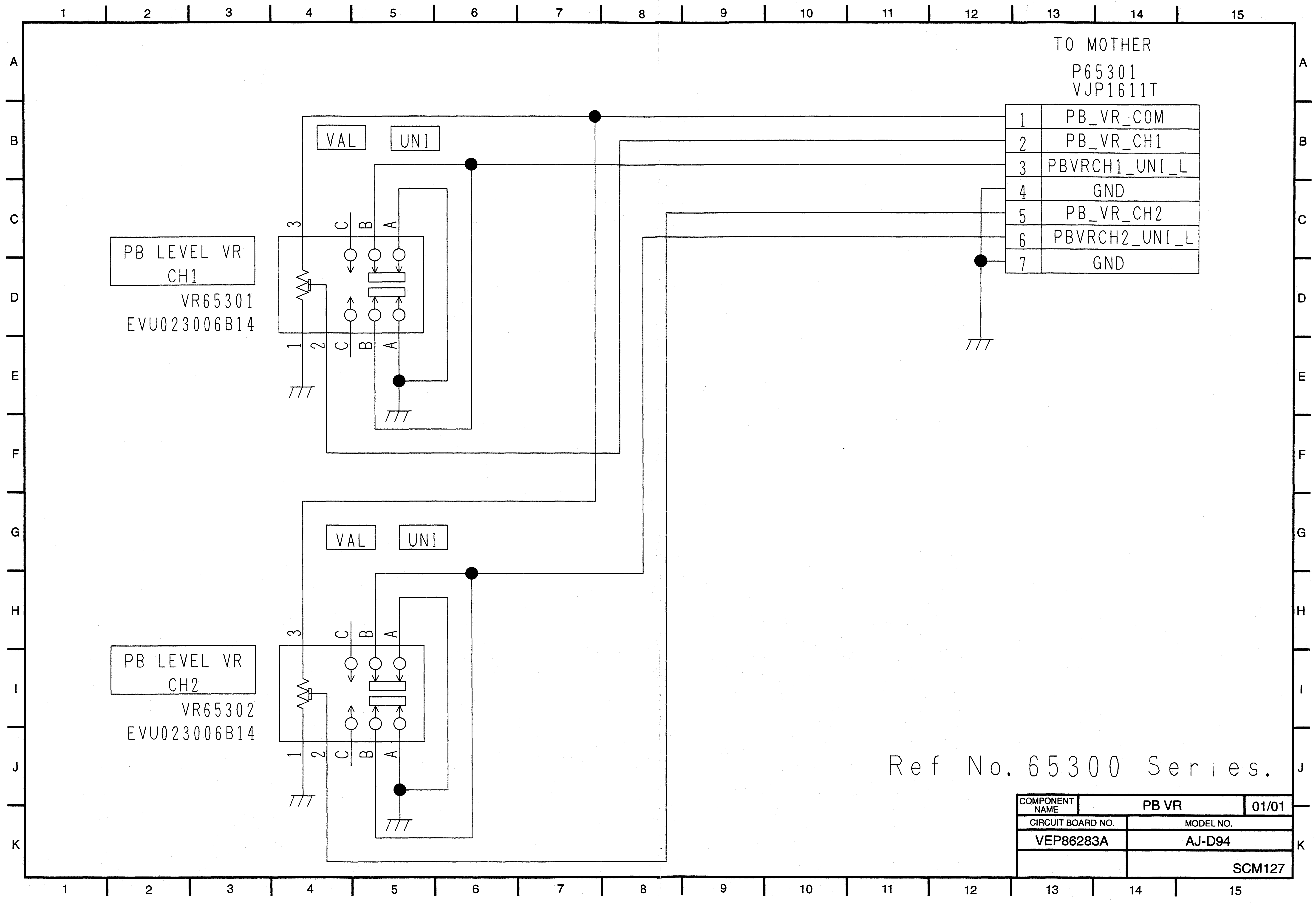
Ref No. 66000 Series.

COMPONENT NAME	FRONT CONNECT	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP86278A	AJ-D94	
	SCM125	

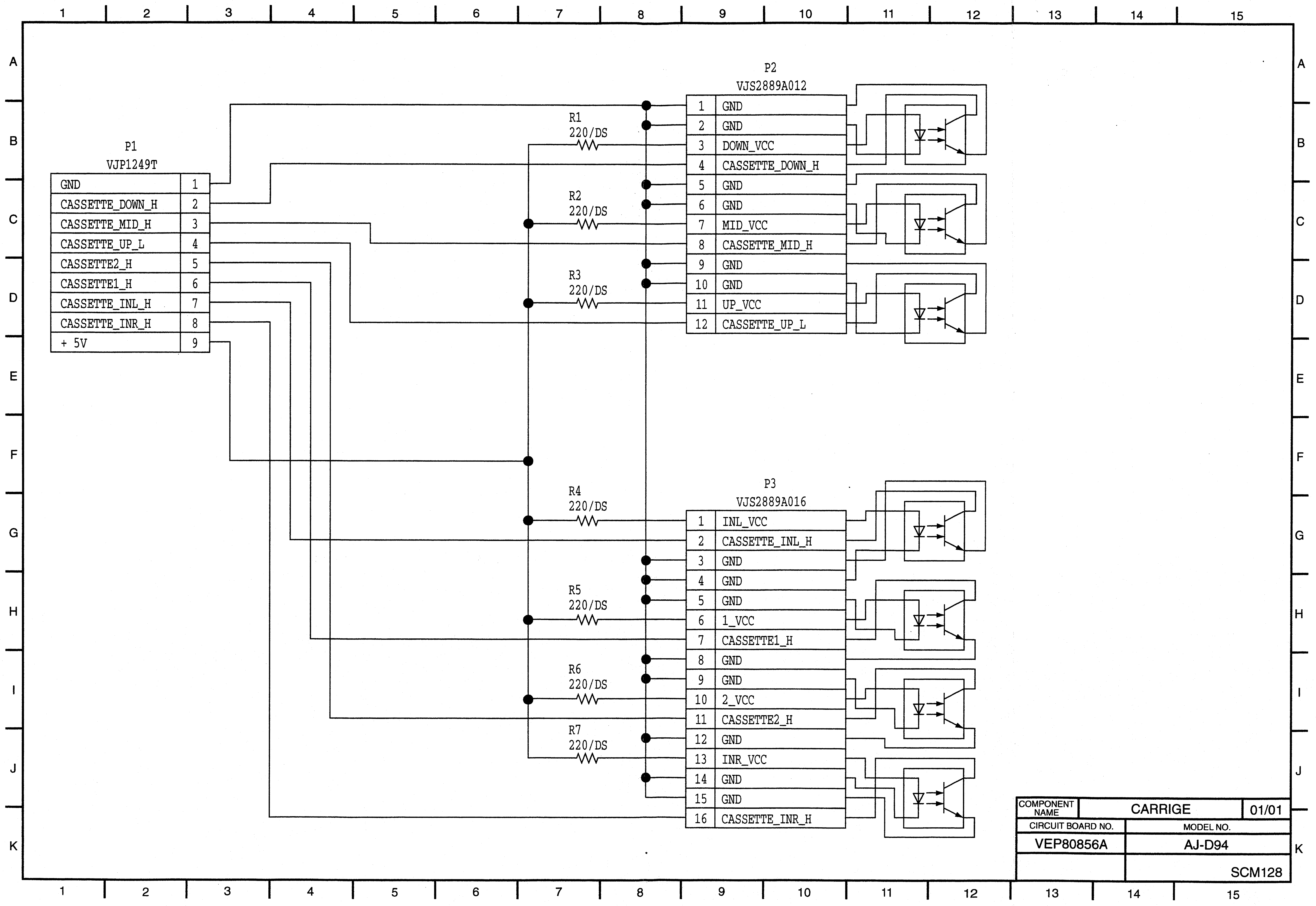

P65201
VJS2582B018
+5V
K_S2
SERCH_L
REW_L
STOP_L
FF_L
PLAY_L
PAUSE_L
REC_L
GND
KEY_IN_6
KEY_IN_5
KEY_IN_4
KEY_IN_3
KEY_IN_2
KEY_IN_1
K_S1
K_S0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
[5]
[4]
[3]
[2]
[1]
[0]
+5V
KEY_IN2[0-5]
SEARCH SPEED
D65201
MA152K-TX
SW65201
VSP0853A000
R65201
180/J6
SW65201
VSP0853A000
REW
D65202
MA152K-TX
SW65202
VSP0792
R65202
180/J6
SW65202
VSP0792
STOP
D65203
MA152K-TX
SW65203
VSP0788
R65203
180/J6
SW65203
VSP0788
FF
D65204
MA152K-TX
SW65204
VSP0791
R65204
180/J6
SW65204
VSP0791
PLAY
D65205
MA152K-TX
SW65205
VSP0790
R65205
180/J6
SW65205
VSP0790
PAUSE
D65206
MA152K-TX
SW65206
VSP0793
R65206
180/J6
SW65206
VSP0793
REC
D65207
MA152K-TX
SW65207
VSP0795
R65207
180 (1/4W)
SW65207
VSP0795
+5V
SW65103
VST0331
EE/TAPE
TAPE
EE
D65106
MA152K-TX

Ref No. 65200 Series.

COMPONENT NAME	KEY	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP86281B	AJ-D94	
	SCM126	


TO MOTHER
P65301
VJP1611T
1 PB_VR_COM
2 PB_VR_CH1
3 PBVRCH1_UNI_L
4 GND
5 PB_VR_CH2
6 PBVRCH2_UNI_L
7 GND
VAL
UNI
PB LEVEL VR
CH1
VR65301
EVU023006B14
VAL
UNI
PB LEVEL VR
CH2
VR65302
EVU023006B14
3
C
B
A
1
2
C
B
A
Ref No. 65300 Series.

COMPONENT NAME	PB VR	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP86283A	AJ-D94	
	SCM127	


P1
VJP1249T
GND 1
CASSETTE_DOWN_H 2
CASSETTE_MID_H 3
CASSETTE_UP_L 4
CASSETTE2_H 5
CASSETTE1_H 6
CASSETTE_INL_H 7
CASSETTE_INR_H 8
+ 5V 9
R1 220/DS
R2 220/DS
R3 220/DS
R4 220/DS
R5 220/DS
R6 220/DS
R7 220/DS
P2
VJS2889A012
1 GND
2 GND
3 DOWN_VCC
4 CASSETTE_DOWN_H
5 GND
6 GND
7 MID_VCC
8 CASSETTE_MID_H
9 GND
10 GND
11 UP_VCC
12 CASSETTE_UP_L
P3
VJS2889A016
1 INL_VCC
2 CASSETTE_INL_H
3 GND
4 GND
5 GND
6 1_VCC
7 CASSETTE1_H
8 GND
9 GND
10 2_VCC
11 CASSETTE2_H
12 GND
13 INR_VCC
14 GND
15 GND
16 CASSETTE_INR_H
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J K

COMPONENT NAME	CARRIGE	01/01
CIRCUIT BOARD NO.	MODEL NO.	
VEP80856A	AJ-D94	
	SCM128	

SECTION 7

CIRCUIT BOARD DIAGRAMS

CONTENTS

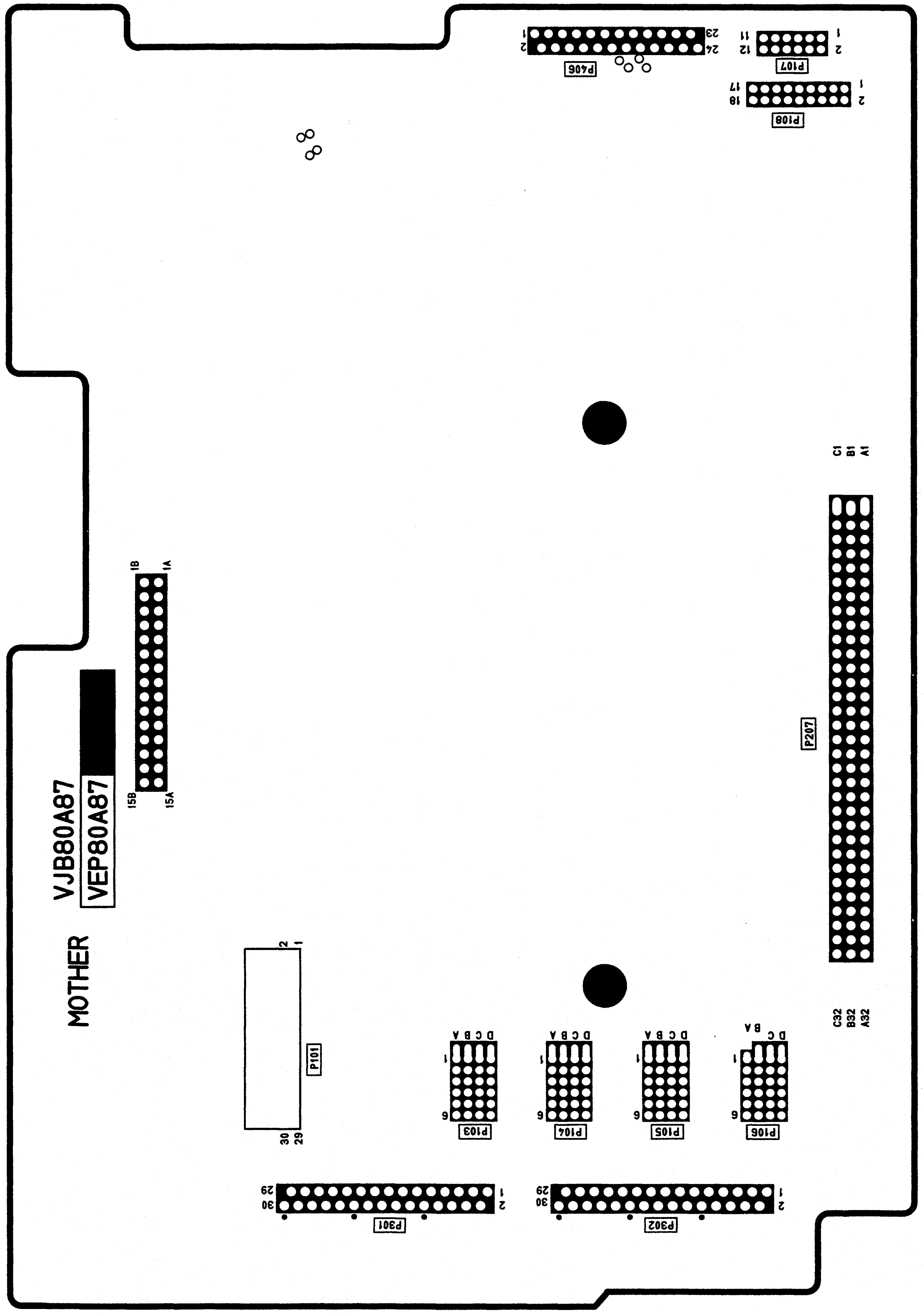
MOTHER P.C.BOARD (VEP80A87A) CBA-1
POWER 1 P.C.BOARD (VEP81203A) CBA-2
POWER 2 P.C.BOARD (VEP81187D) CSA-3
POWER 3 P.C.BOARD (VEP81188A) CBA-4
SERVO P.C.BOARD (VEP82218B) CBA-5
VIDEO I/O P.C.BOARD (VEP83426D) CBA-6
AUDIO P.C.BOARD (VEP84319C) CBA-7
RF AMP P.C.BOARD (VEP85172B) CBA-8
AV SYSCON P.C.BOARD (VEP86274C) CBA-9
REC PB P.C.BOARD (VEP83427B) CBA-10
DV uCOM P.C. BOARD (VEP88234Q) CBA-10
V IN P.C.BOARD (VEP83428C) CBA-11
V OUT P.C.BOARD (VEP83429B) CBA-12
AV I/O P.C.BOARD (VEP84320C) CBA-13
REAR JACK P.C.BOARD (VEP84321C) CBA-13
AUDIO JACK P.C.BOARD (VEP84322C) CBA-13
FRONT P.C.BOARD (VEP86276B)/PB VR P.C.BOARD (VEP86283A) CBA-14
KEY P.C.BOARD (VEP86281B) CBA-15
FRONT CONNECT P.C.BOARD (VEP86278A) CBA-15
POWER 1 SUB P.C.BOARD (VEP81189A) CBA-16
SV-uCOM P.C.BOARD (VEP80A89D/E) CBA-16
POWER CONNECT P.C.BOARD (VEP80A88A) CBA-16

IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY THE SAME TYPE.

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR OEDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST, AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

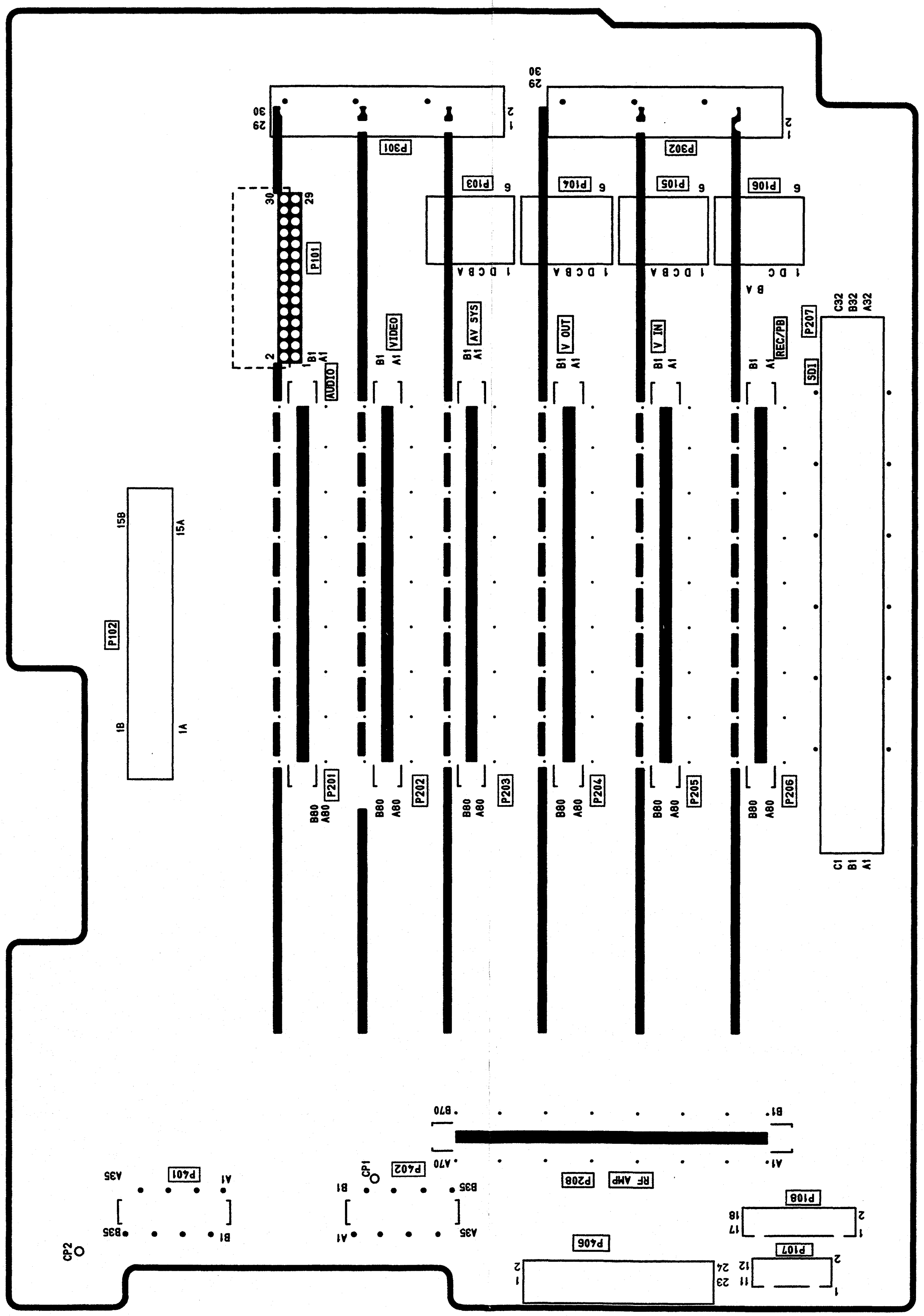
MOTHER P.C. BOARD (VEP80A87A)



P406
P107
P108
P207
C1 B1 A1
C32 B32 A32
1B 1A
15B 15A
VJB80A87
VEP80A87
MOTHER
P101
P103
P104
P105
P106
D C B A
P301
P302

(FOIL SIDE)

CBA–1



P301
P302
P101
P103
P104
P105
P106
1 D C B A
AUDIO
VIDEO
AV SYS
V OUT
V IN
REC/PB
P207
C32 B32 A32
C1 B1 A1
P102
15B 15A
1B 1A
P201
P202
P203
P204
P205
P206
B80 A80
B1 A1
RF AMP
P208
P401
P402
P406
P108
P107
CP1
CP2

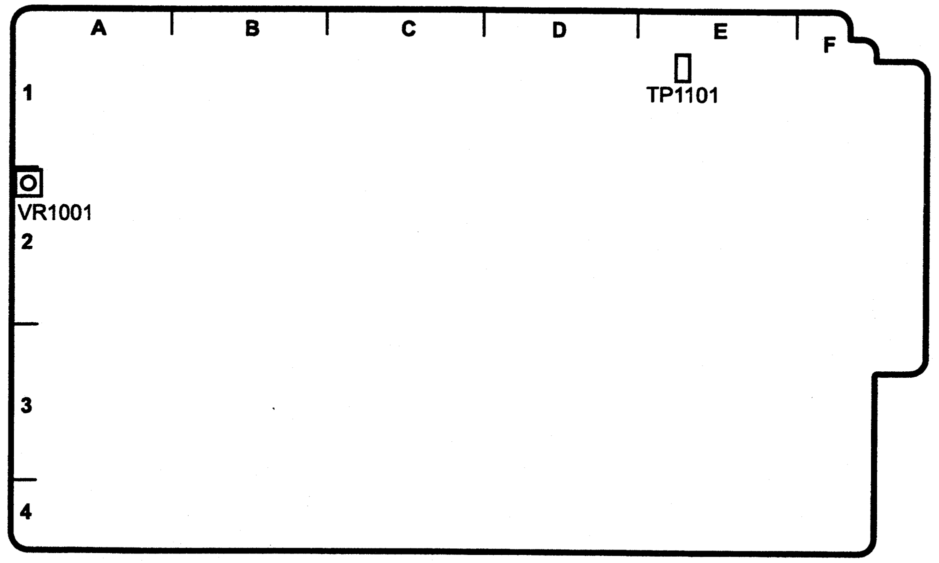
(COMPONENT SIDE)

CBA–1

POWER 1 P.C. BOARD (VEP81203A)

REF	LOC	REF	LOC
IC1101	E2	Q1103	E2
Q1102	E1		

REF	LOC	REF	LOC
P1001	F3	P1007	B1
P1002	D4	P1101	E2
P1003	D4	Q1001	C2
P1004	A1	Q1002	A2
P1005	A3	Q1101	B1
P1006	A2	TP1101	E1

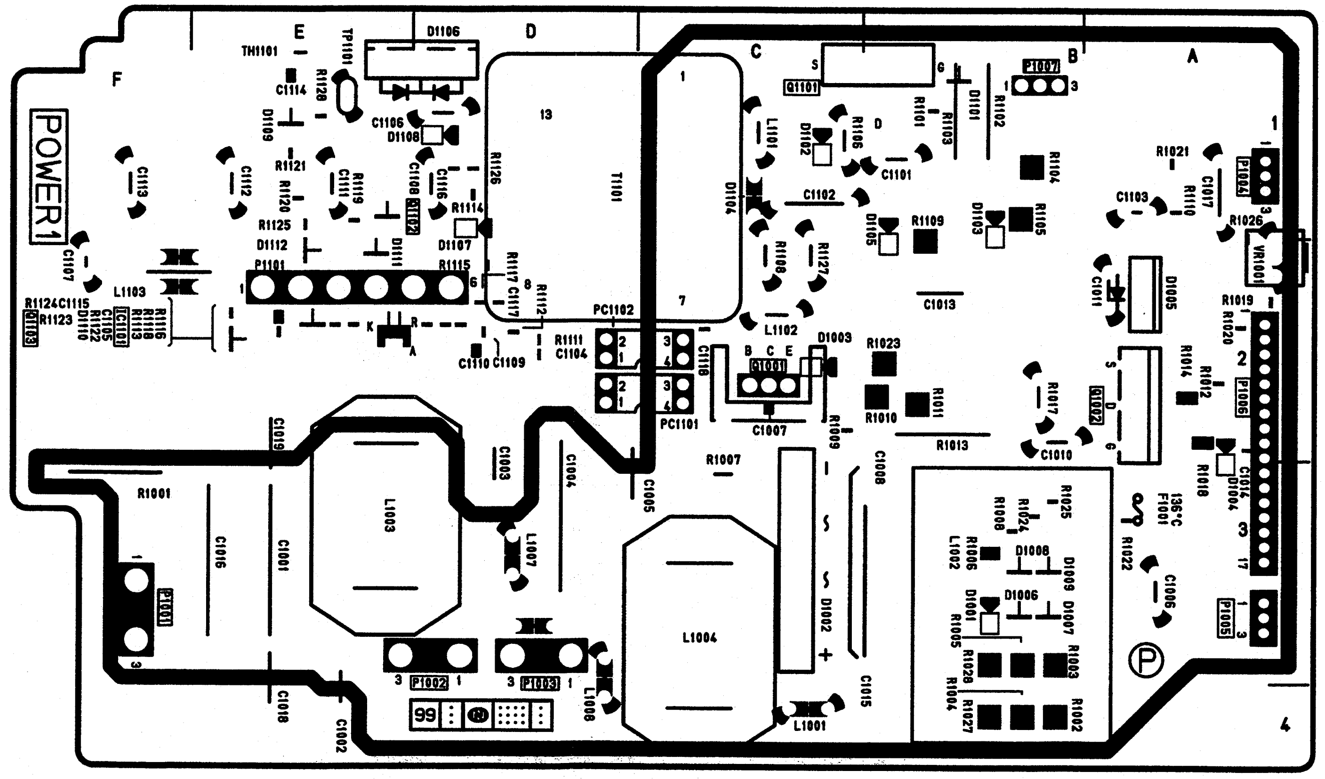

A
B
C
D
E
F
1
2
3
4
TP1101
VR1001

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS
USE ONLY THE SAME TYPE.

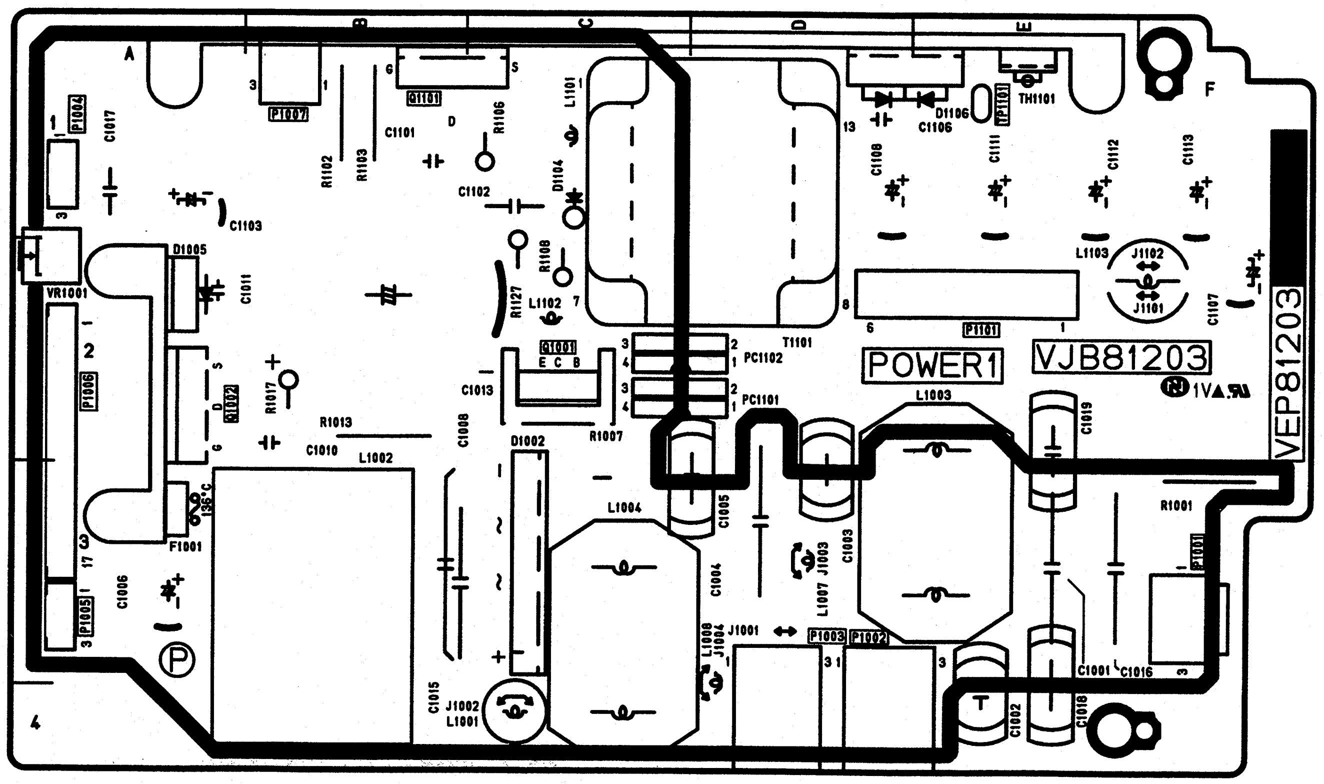
▭ 内は充電部です。AC100Vが加わっておりますので点検、修理のときは感電しないよう充分ご注意ください。

⚠ CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.


POWER1
E
D
C
B
A
F
T1101
L1003
L1004
P1001
P1002
P1003
P1004
P1005
P1006
P1007
P1101
Q1101
PC1101
PC1102
4

(FOIL SIDE)


POWER1
VJB81203
VEP81203
A
B
C
D
E
F
T1101
L1003
L1004
VR1001
P1004
P1006
P1005
P1007
P1101
P1003
P1002
F1001
TH1101
4

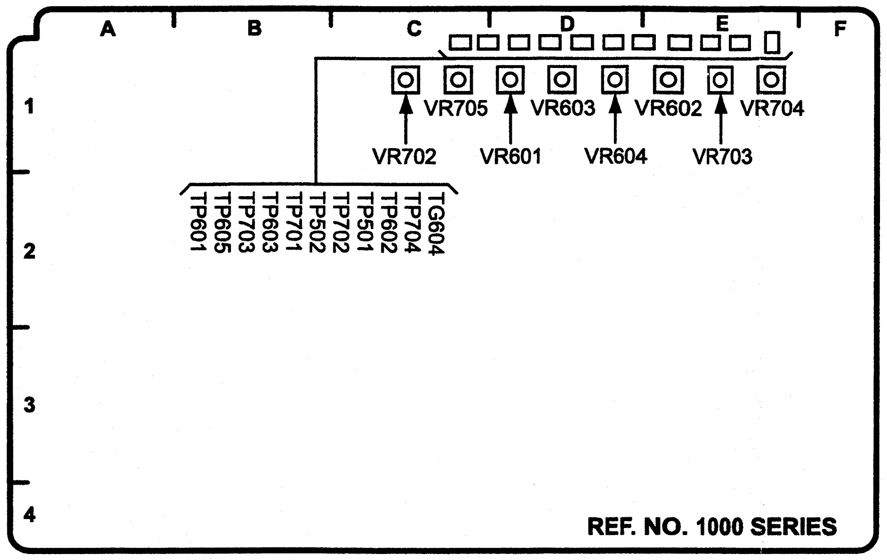
(COMPONENT SIDE)

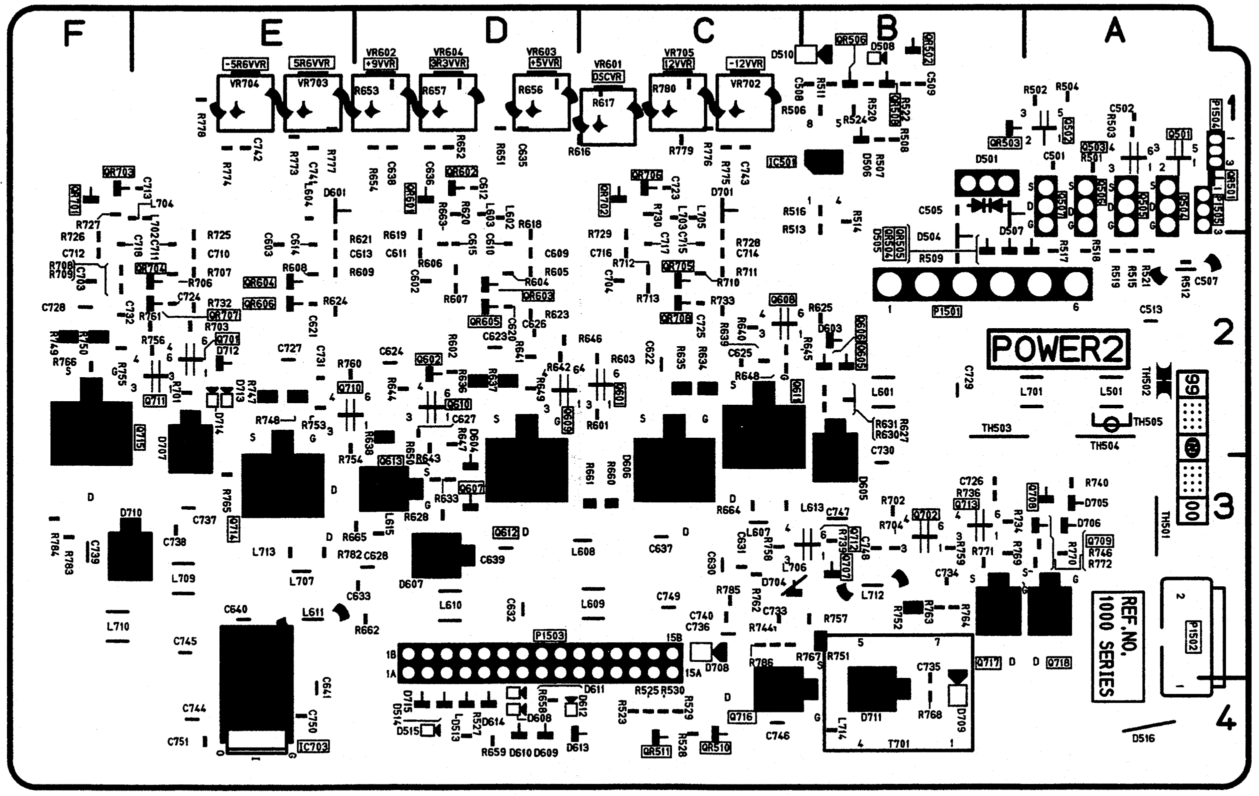
POWER 2 P.C. BOARD (VEP81187D)

REF	LOC	REF	LOC
IC1501	B1	Q1715	F3
IC1703	E4	Q1716	C4
Q1501	A1	Q1717	B3
Q1502	A1	Q1718	A3
Q1503	A1	QR1501	A1
Q1601	C2	QR1502	B1
Q1602	D2	QR1503	B1
Q1605	B2	QR1504	B2
Q1607	D3	QR1505	A2
Q1608	C2	QR1506	B1
Q1609	D2	QR1508	B1
Q1610	D2	QR1601	D1
Q1611	C3	QR1602	D1
Q1612	D3	QR1603	D2
Q1613	D3	QR1604	E2
Q1701	E2	QR1605	D2
Q1702	B3	QR1606	E2
Q1707	B3	QR1701	F1
Q1708	A3	QR1702	C1
Q1709	A3	QR1703	F1
Q1710	D2	QR1704	E2
Q1711	E2	QR1705	C2
Q1712	B3	QR1706	C1
Q1713	B3	QR1707	E2
Q1714	E3	QR1708	C2

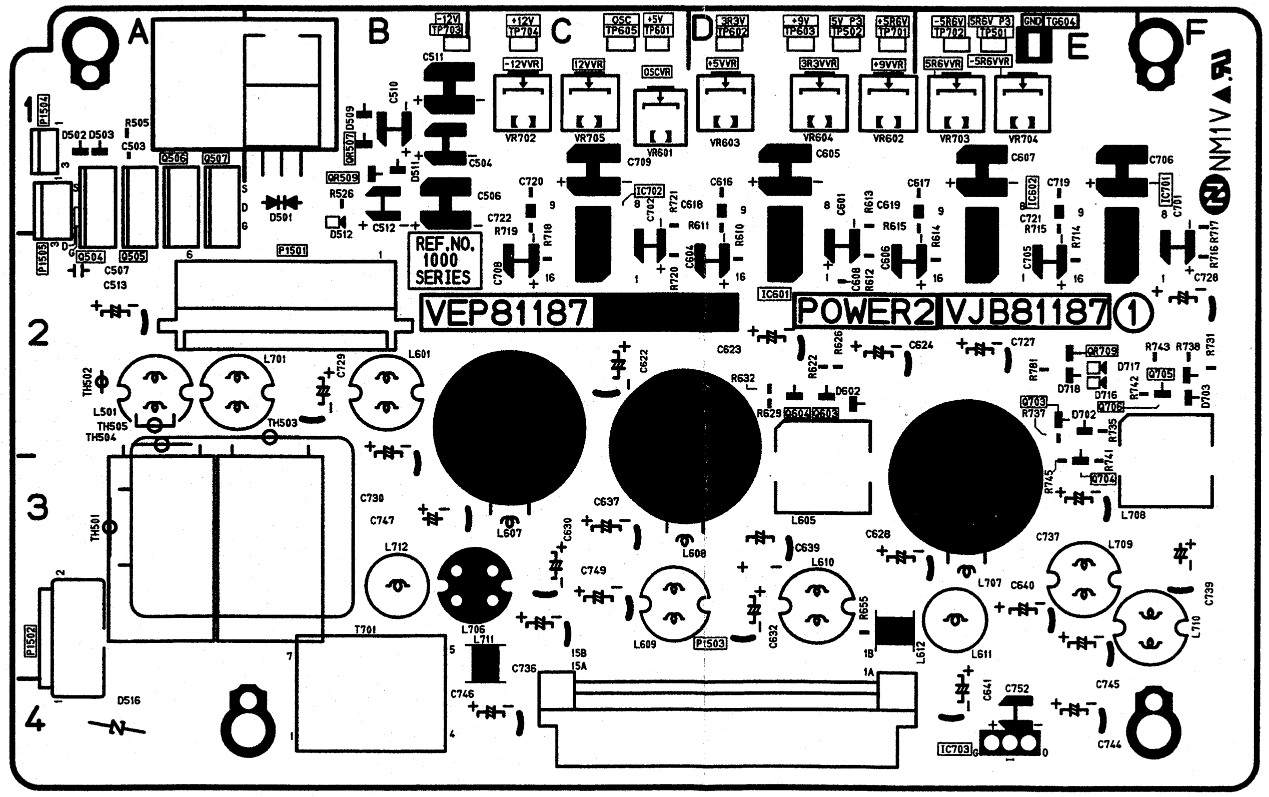
REF	LOC	REF	LOC
IC1601	D2	TG1604	E1
IC1602	E2	TP1501	E1
IC1701	E2	TP1502	D1
IC1702	C2	TP1601	C1
P1501	B2	TP1602	D1
P1502	A4	TP1603	D1
P1503	D4	TP1605	C1
P1504	A1	TP1701	D1
P1505	A1	TP1702	E1
Q1505	A2	TP1703	B1
Q1506	A2	TP1704	C1
Q1507	A2	VR1601	C1
Q1603	D2	VR1602	D1
Q1703	E2	VR1603	D1
Q1705	F2	VR1604	D1
QR1507	B1	VR1703	E1
QR1509	B1	VR1704	E1
QR1709	E2		

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY THE SAME TYPE.


A
B
C
D
E
F
1
2
3
4
VR705
VR603
VR602
VR704
VR702
VR601
VR604
VR703
TP601
TP605
TP703
TP603
TP701
TP502
TP702
TP501
TP602
TP704
TG604
REF. NO. 1000 SERIES


F
E
D
C
B
A
1
2
3
4
POWER2
REF.NO. 1000 SERIES
P1501
P1502
P1503

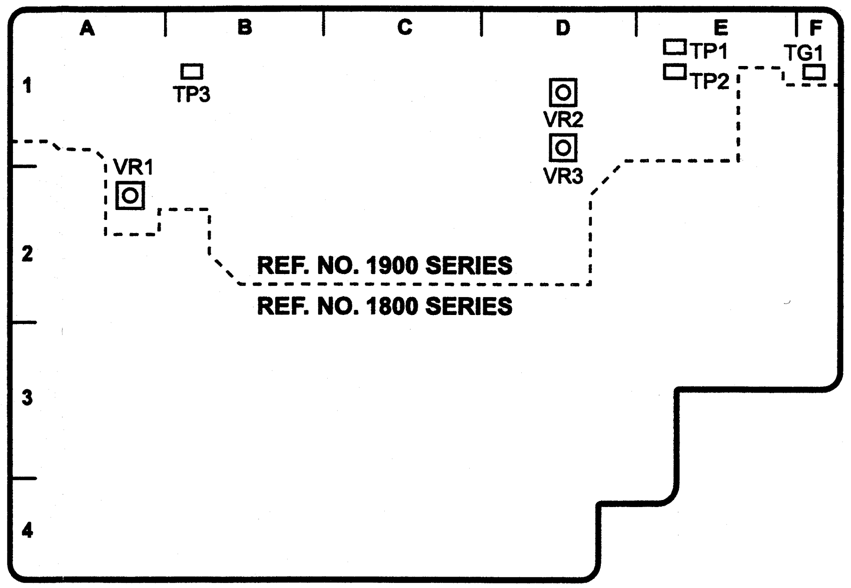
(FOIL SIDE)


A
B
C
D
E
F
1
2
3
4
VEP81187
POWER2
VJB81187
①
REF.NO. 1000 SERIES
T701
P1501
P1502
P1503

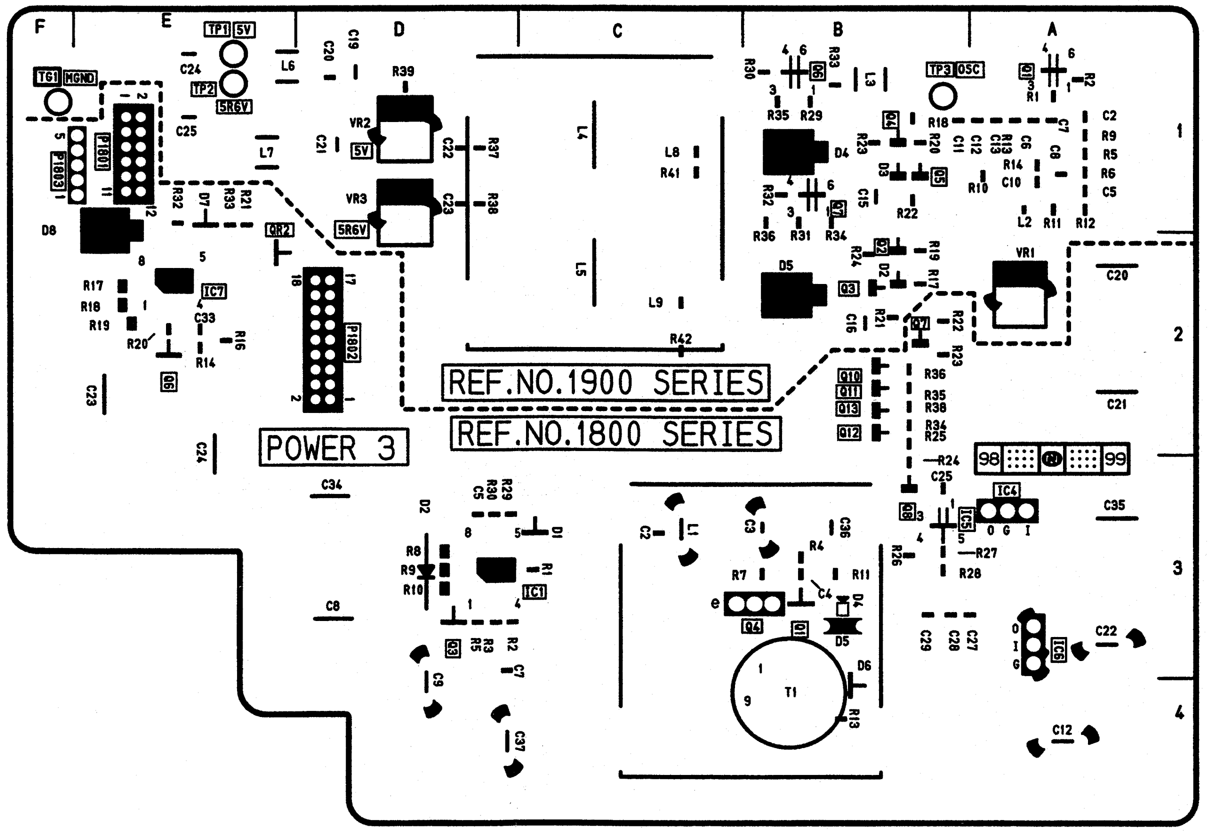
(COMPONENT SIDE)

POWER 3 P.C. BOARD (VEP81188A)

REF	LOC
IC1801	D3
IC1805	B3
IC1807	E2
Q1801	B3
Q1803	D3
Q1806	E2
Q1807	B2
Q1808	B3
Q1810	B2
Q1811	B2
Q1812	B2
Q1901	A1
Q1902	B2
Q1904	B1
Q1906	B1
Q1907	B1
QR1802	E2

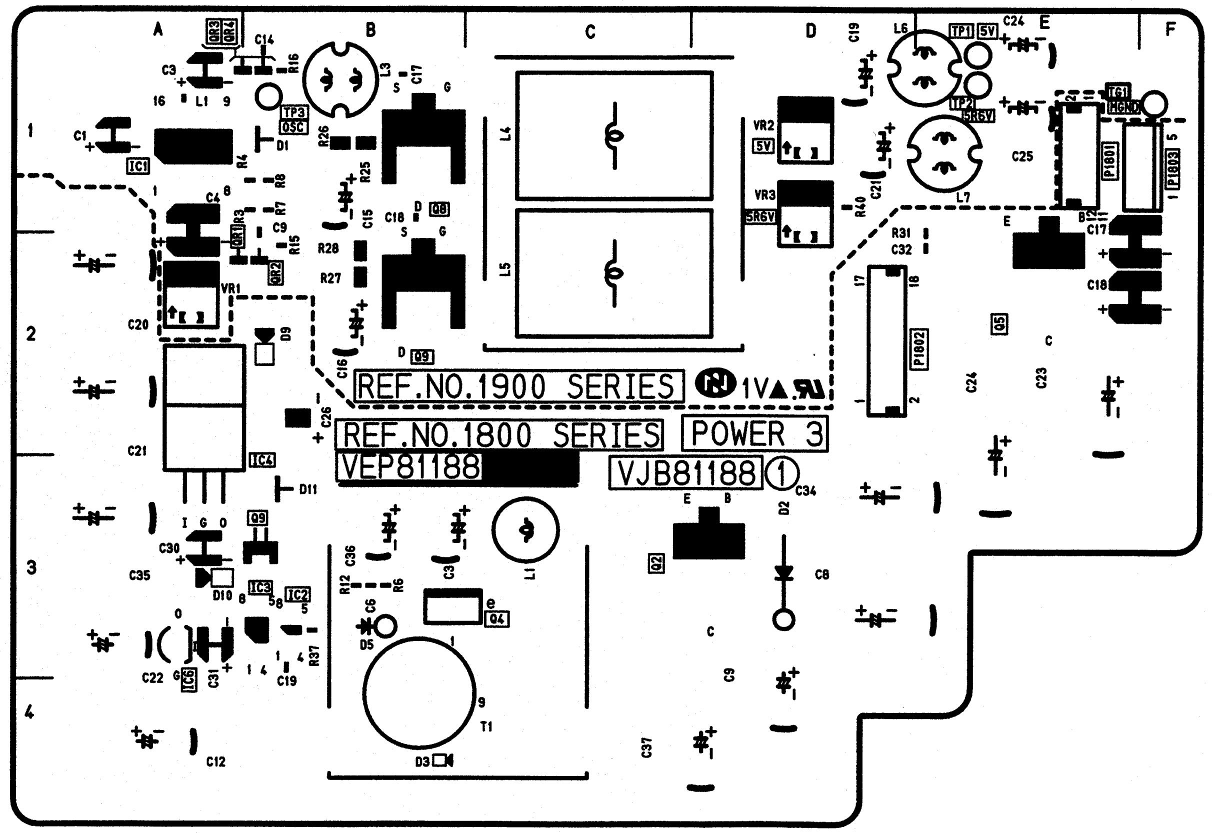

A
B
C
D
E
F
1
2
3
4
TP3
VR1
VR2
VR3
TP1
TP2
TG1
REF. NO. 1900 SERIES
REF. NO. 1800 SERIES

REF	LOC	REF	LOC
IC1802	B3	TP1902	E1
IC1803	A3	TP1903	A1
IC1804	A3	VR1901	A2
IC1806	A3	VR1902	D1
IC1901	A1	VR1903	D1
P1801	E1		
P1802	D2		
P1803	E1		
Q1802	C3		
Q1804	B3		
Q1805	E2		
Q1809	A3		
Q1908	B1		
Q1909	B2		
QR1901	A2		
QR1902	A2		
QR1903	A1		
QR1904	A1		
TG1901	E1		
TP1901	E1		


F
E
D
C
B
A
1
2
3
4
REF.NO.1900 SERIES
REF.NO.1800 SERIES
POWER 3
TP1 5V
TP2 5R6V
TG1 HGND
TP3 OSC
VR1
VR2
VR3
P1801
P1802
T1

(FOIL SIDE)

CBA–4

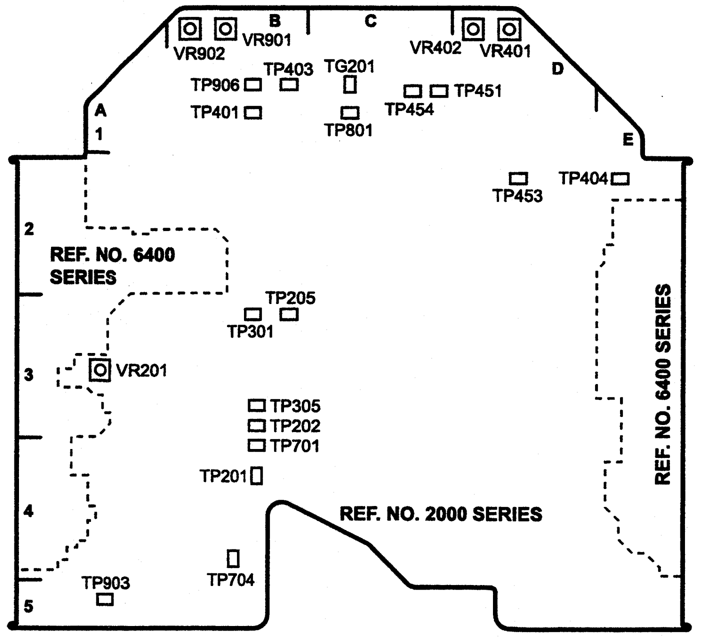

A
B
C
D
E
F
1
2
3
4
REF.NO.1900 SERIES
REF.NO.1800 SERIES
POWER 3
VEP81188
VJB81188 ①
TP1 5V
TP2 5R6V
TG1 HGND
TP3 OSC
VR1
VR2
VR3
P1801
P1802
P1803
T1

(COMPONENT SIDE)

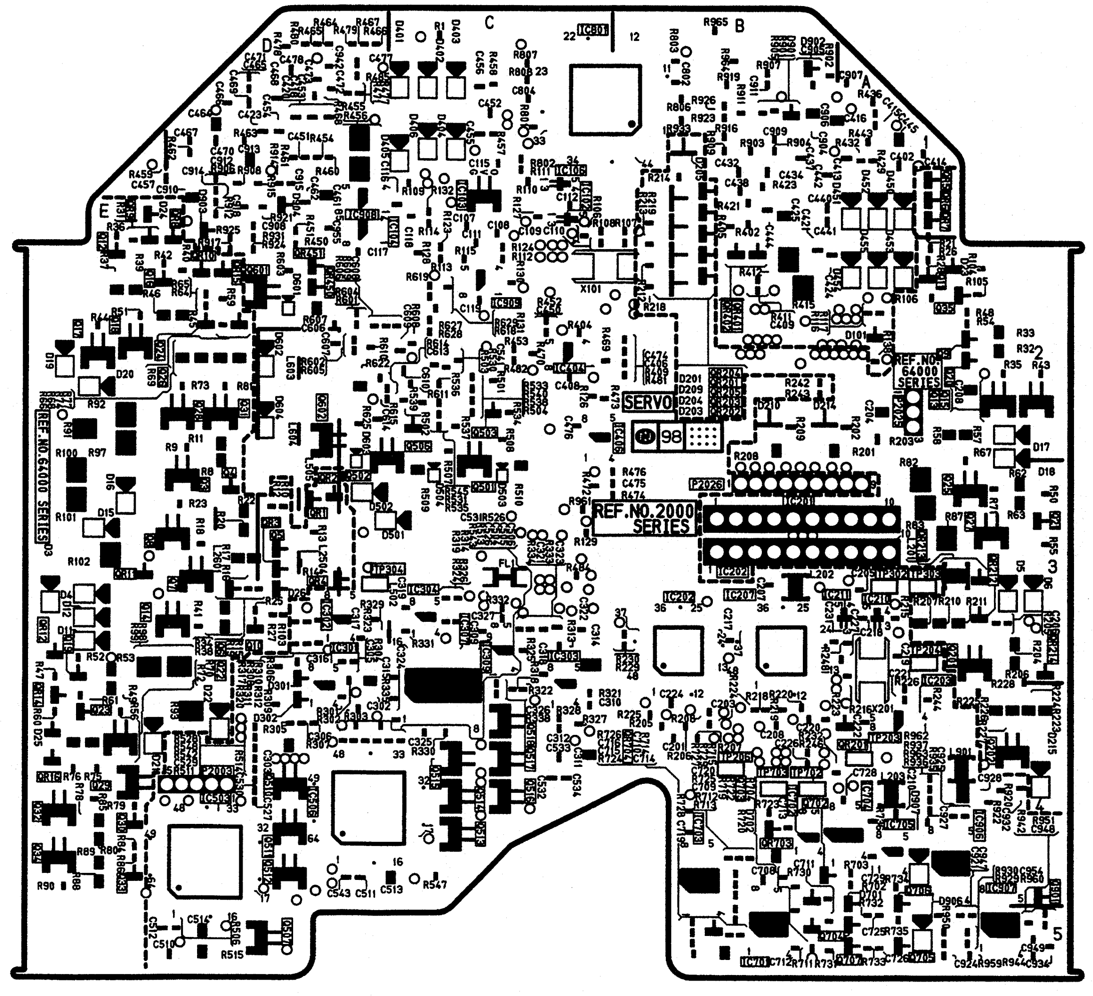
CBA–4

SERVO P.C. BOARD (VEP82218B)

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2102	C1	Q2501	C3	Q64009	A2	QR2201	B4	QR64214	A4
IC2103	C1	Q2502	D3	Q64010	D3	QR2401	B2	TP203	A4
IC2104	D2	Q2503	C2	Q64011	A2	QR2402	B2	TP204	A3
IC2106	C1	Q2506	D2	Q64012	E2	QR2450	D2	TP206	B4
IC2202	B3	Q2507	D5	Q64013	A2	QR2451	D2	TP302	A3
IC2203	A4	Q2510	D4	Q64014	E3	QR2703	B4	TP303	A3
IC2207	B3	Q2511	D4	Q64015	A2	QR2704	B5	TP304	D3
IC2210	A3	Q2512	D4	Q64016	E2	QR64001	D3	TP702	B4
IC2211	B3	Q2513	C4	Q64017	E2	QR64002	D3	TP703	B4
IC2301	D4	Q2514	C4	Q64018	E2	QR64003	D3		
IC2302	D3	Q2515	C4	Q64019	E4	QR64004	D3		
IC2303	C4	Q2516	C4	Q64020	A2	QR64005	A1		
IC2304	C3	Q2517	C4	Q64021	A3	QR64006	A1		
IC2307	C4	Q2518	C4	Q64022	E4	QR64007	A1		
IC2309	C3	Q2601	D2	Q64023	E4	QR64008	E2		
IC2404	C2	Q2602	D2	Q64024	D2	QR64009	E2		
IC2406	C2	Q2702	B4	Q64025	A3	QR64010	D2		
IC2503	D4	Q2703	B5	Q64026	D2	QR64011	E3		
IC2506	D4	Q2704	B5	Q64027	A3	QR64012	E3		
IC2701	B5	Q2705	A5	Q64028	E2	QR64014	E4		
IC2702	B4	Q2706	A5	Q64029	E4	QR64015	D2		
IC2703	B4	Q2707	B5	Q64030	E4	QR64016	E4		
IC2704	B4	Q2901	A5	Q64031	D2	QR64201	B1		
IC2705	A4	Q64003	E3	Q64032	E4	QR64202	B2		
IC2801	C1	Q64004	D3	Q64033	E4	QR64203	B2		
IC2906	A4	Q64005	D3	Q64034	E4	QR64204	B1		
IC2907	A5	Q64006	D3	Q64035	A2	QR64205	B2		
IC2908	D1	Q64007	D3	Q64201	A3	QR64212	A3		
IC2909	C2	Q64008	E3	Q64202	A4	QR64213	A3		

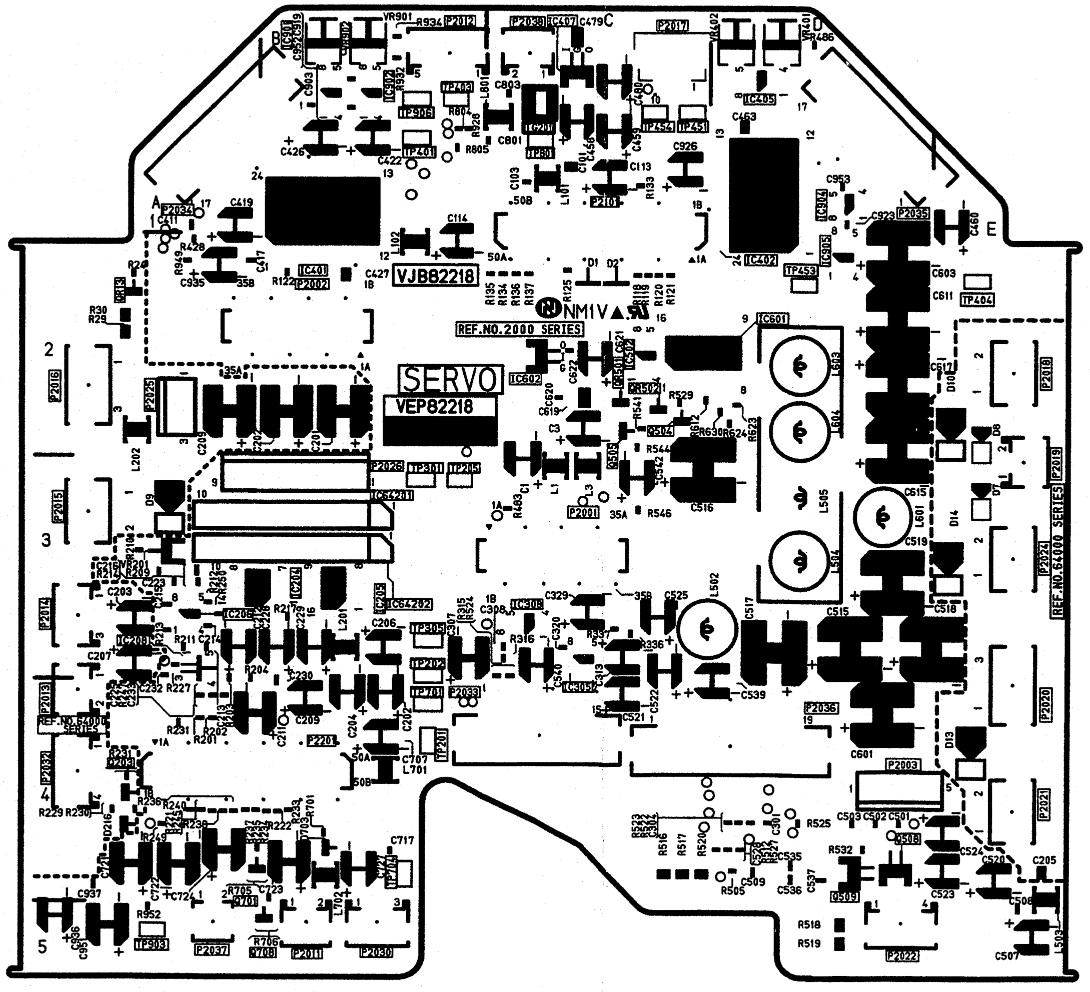

B
C
VR902
VR901
VR402
VR401
D
TP906
TP403
TG201
TP451
TP454
TP401
TP801
A
1
E
TP453
TP404
2
REF. NO. 6400 SERIES
TP205
TP301
3
VR201
TP305
TP202
TP701
TP201
REF. NO. 6400 SERIES
4
REF. NO. 2000 SERIES
TP903
TP704
5

REF	LOC	REF	LOC	REF	LOC
IC2204	B3	P2014	A3	Q2509	D4
IC2205	B3	P2015	A3	Q2701	B4
IC2206	A3	P2016	A2	Q2708	B5
IC2208	A4	P2017	C1	Q64203	A4
IC2305	C3	P2018	E2	QR2501	C2
IC2308	C3	P2019	E3	QR2502	C2
IC2401	B1	P2020	E4	QR64013	A2
IC2402	D1	P2021	E4	TG201	C1
IC2405	D1	P2022	D5	TP201	B4
IC2407	C1	P2024	E3	TP202	B4
IC2502	C2	P2025	A2	TP205	B3
IC2601	D2	P2026	B3	TP301	B3
IC2602	C2	P2030	B5	TP305	B3
IC2901	B1	P2032	A4	TP701	B4
IC2902	B1	P2033	C4	TP704	B4
IC2904	D1	P2034	A1	TP2401	B1
IC2905	D2	P2035	D1	TP2403	B1
IC64201	B3	P2036	D4	TP2404	E2
IC64202	B3	P2037	A5	TP2451	C1
P2001	C3	P2038	C1	TP2453	D2
P2002	B2	P2101	C2	TP2454	C1
P2003	D4	P2201	B4	TP2801	C1
P2011	B5	Q2504	C2	TP2903	A5
P2012	B1	Q2505	C2	TP2906	B1
P2013	A4	Q2508	D4	VR2201	A3


C
B
E
1
2
3
4
5
SERVO
REF.NO.2000 SERIES
REF.NO.6400 SERIES
REF.NO. 6400 SERIES

(FOIL SIDE)

CBA–5

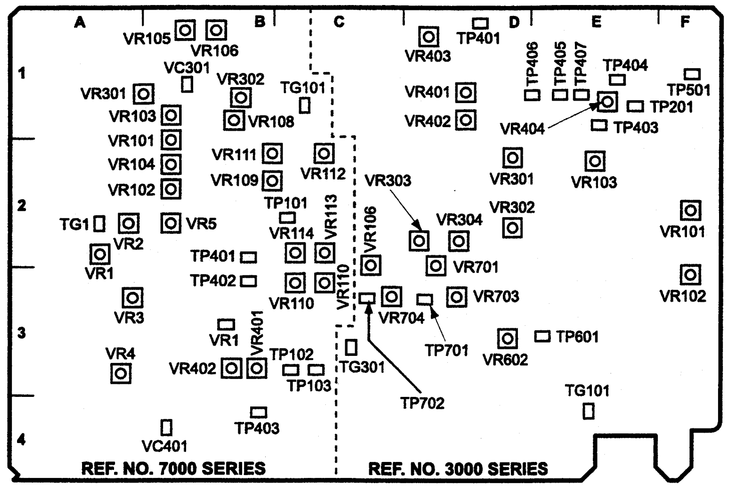

C
D
E
1
2
3
4
5
SERVO
VEP82218
VJB82218
REF.NO.2000 SERIES
REF.NO.6400 SERIES

(COMPONENT SIDE)

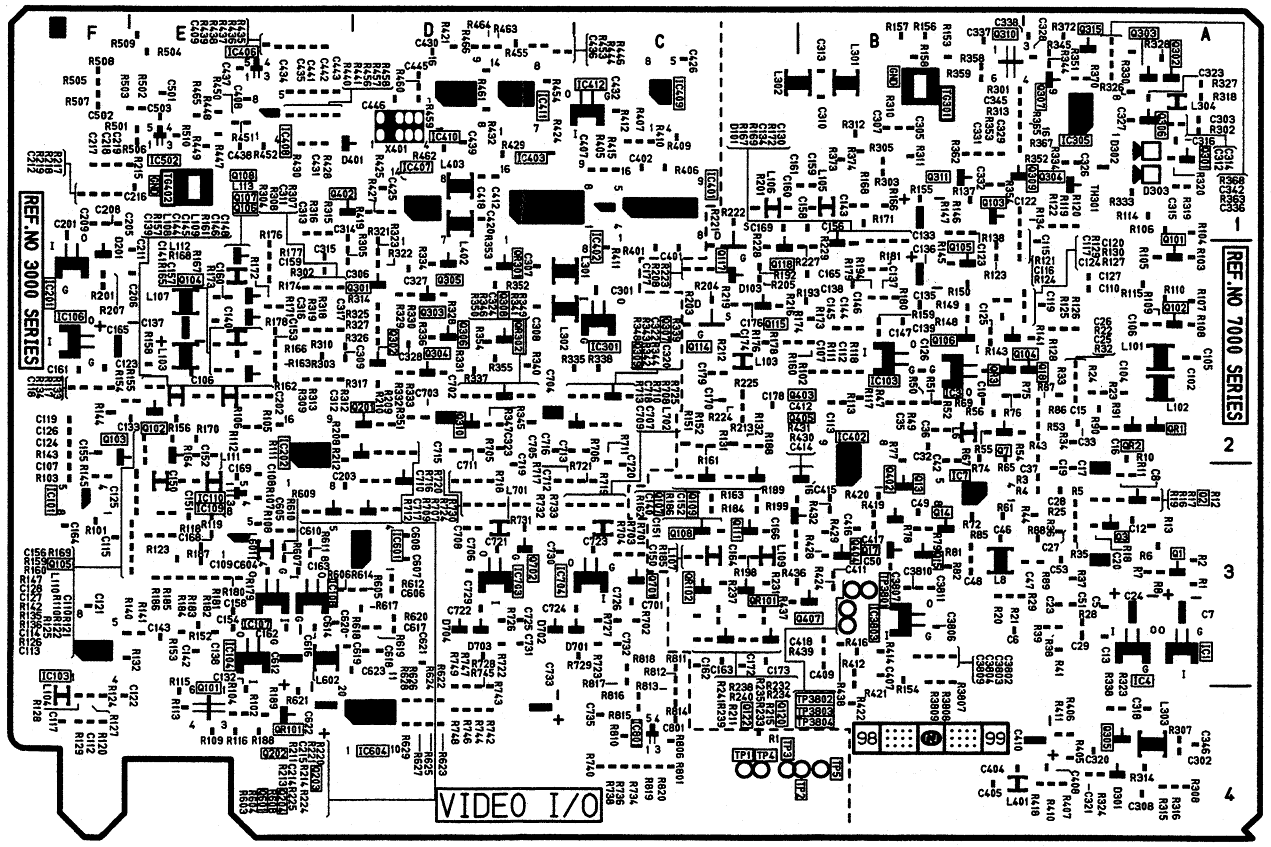
CBA–5

VIDEO I/O P.C. BOARD (VEP83426D)

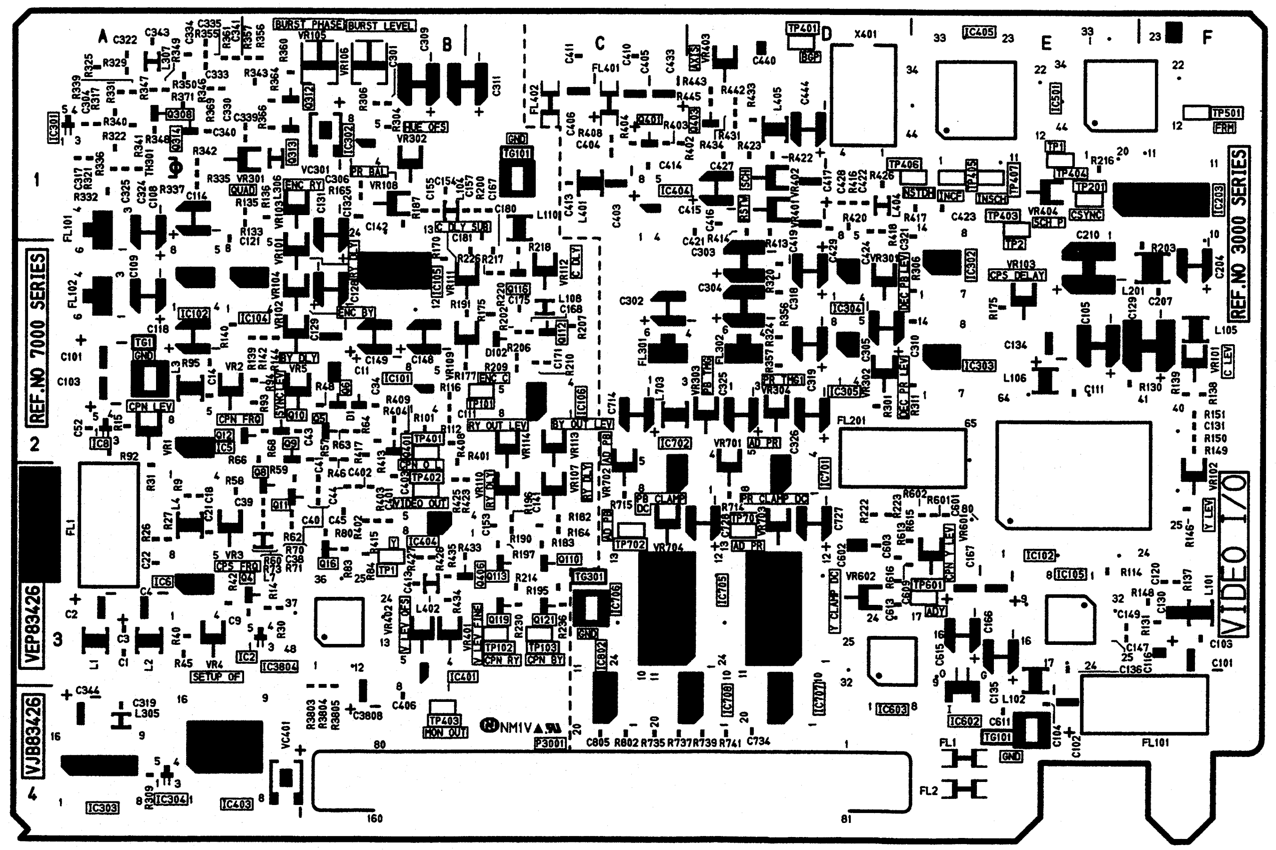
REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC3101	F3	IC7001	A3	Q3310	D2	Q7302	A1
IC3103	F3	IC7003	B2	Q3402	E1	Q7303	A1
IC3104	E3	IC7004	A3	Q3601	E3	Q7304	A1
IC3106	F2	IC7007	B3	Q3701	C3	Q7305	A4
IC3107	E3	IC7103	B2	Q3702	D3	Q7306	A1
IC3108	E3	IC7305	A1	Q7001	A3	Q7307	A1
IC3109	E3	IC7402	B3	Q7002	A3	Q7309	B1
IC3110	E3	Q3101	E4	Q7003	A3	Q7310	B1
IC3201	F2	Q3102	E2	Q7007	B2	Q7311	B1
IC3202	E3	Q3103	F3	Q7013	B3	Q7315	A1
IC3301	C2	Q3104	E2	Q7014	B3	Q7402	B3
IC3401	C1	Q3105	E3	Q7015	B3	Q7403	B3
IC3402	C1	Q3106	E2	Q7017	B3	Q7404	B3
IC3403	D1	Q3107	E2	Q7101	A2	Q7405	C3
IC3406	E1	Q3108	E2	Q7102	A2	Q7407	B3
IC3407	D1	Q3201	D2	Q7103	B1	Q7302	A1
IC3408	E1	Q3202	D3	Q7104	B2	Q7303	A1
IC3409	C1	Q3203	D3	Q7105	B2		
IC3410	D1	Q3204	D3	Q7106	B2		
IC3411	D1	Q3301	D2	Q7107	C3		
IC3412	C1	Q3302	D2	Q7108	C3		
IC3502	E1	Q3303	D2	Q7109	C3		
IC3601	D3	Q3304	D2	Q7111	C3		
IC3604	D4	Q3305	D2	Q7115	C2		
IC3703	D3	Q3306	D2	Q7118	C2		
IC3704	C3	Q3307	C2	Q7120	C3		
IC3801	C4	Q3308	D2	Q7122	C3		
IC3803	B3	Q3309	C2	Q7301	A1		


A
B
C
D
E
F
1
2
3
4
VR105
VR106
VC301
VR302
TG101
VR403
TP401
TP406
TP405
TP407
TP404
TP501
TP201
TP403
VR301
VR103
VR108
VR401
VR402
VR404
VR101
VR104
VR102
VR111
VR109
VR112
VR303
VR301
VR103
TG1
VR5
VR2
VR1
VR3
VR4
TP101
VR114
VR113
VR106
VR304
VR302
VR101
TP401
TP402
VR701
VR110
VR110
VR401
VR704
VR703
VR102
TP102
TP103
TG301
TP701
VR602
TP601
TP702
TG101
VR402
TP403
VC401
REF. NO. 7000 SERIES
REF. NO. 3000 SERIES

REF	LOC	REF	LOC	REF	LOC
IC3602	E4	TG3301	C3	VR3403	D1
IC7002	B3	TG7001	A2	VR3601	E3
IC7301	A1	TG7101	C1	VR3602	D3
IC7304	A4	TP3201	E1	VR3701	D3
P3001	C4	TP3401	D1	VR3702	C3
Q3401	C1	TP3403	E1	VR3703	D3
Q3403	D1	TP3404	E1	VR3704	C3
Q7004	B3	TP3405	E1	VR7001	A2
Q7005	B2	TP3406	E1	VR7002	A2
Q7006	B2	TP3407	E1	VR7003	A3
Q7008	B3	TP3501	F1	VR7004	A3
Q7009	B3	TP3601	E3	VR7005	B2
Q7010	B2	TP3701	D3	VR7103	B1
Q7011	B3	TP3702	C3	VR7104	B2
Q7012	B2	TP7001	B3	VR7105	B1
Q7016	B3	TP7101	C2	VR7106	B1
Q7110	C3	TP7102	C3	VR7107	C3
Q7112	C2	TP7103	C3	VR7108	B1
Q7113	C3	TP7401	B2	VR7109	C2
Q7116	C2	TP7402	B3	VR7110	C3
Q7119	C3	TP7403	B4	VR7112	C2
Q7121	C3	VR3102	F3	VR7113	C2
Q7308	A1	VR3103	E2	VR7114	C2
Q7312	B1	VR3301	D2	VR7301	B1
Q7313	B1	VR3302	D2	VR7302	B1
Q7314	A1	VR3303	D2	VR7401	B3
Q7401	B2	VR3304	D2	VR7402	B3
Q7406	C3	VR3401	D1		
TG3101	E4	VR3402	D1		


F
E
D
C
A
1
2
3
4
REF.NO 3000 SERIES
REF.NO 7000 SERIES
VIDEO I/O

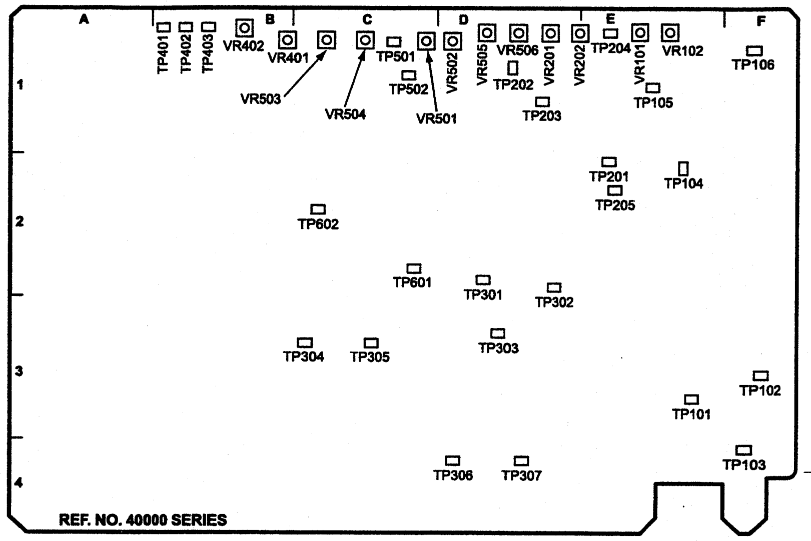
(FOIL SIDE)


A
B
C
D
E
F
1
2
3
4
REF.NO 7000 SERIES
REF.NO 3000 SERIES
VEP83426
VJB83426
VIDEO I/O
BURST PHASE
BURST LEVEL

(COMPONENT SIDE)

AUDIO P.C. BOARD (VEP84319C)

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC40001	B3	IC40309	D3	Q40201	D2	QR40102	E3
IC40002	A4	IC40310	D4	Q40202	D2	QR40103	E2
IC40003	A3	IC40311	D3	Q40301	B4	QR40104	E2
IC40004	A3	IC40312	C3	Q40302	B4	QR40201	D1
IC40005	A4	IC40313	C3	Q40303	D4	QR40202	D2
IC40103	E3	IC40316	D4	Q40304	C4	QR40203	D2
IC40105	F3	IC40317	E3	Q40401	A2	QR40204	D2
IC40107	E1	IC40318	E4	Q40402	A2	QR40205	D2
IC40108	F2	IC40319	C3	Q40403	B1	QR40301	C4
IC40109	F2	IC40320	C3	Q40404	B1	QR40302	B4
IC40110	E4	IC40401	B1	Q40405	A2	QR40401	A2
IC40111	E2	IC40507	D2	Q40406	C1	QR40402	C1
IC40112	E4	IC40508	C1	Q40407	B1	QR40403	C1
IC40113	D2	IC40604	C3	Q40408	B1	QR40404	B1
IC40114	E2	IC40606	B2	Q40409	B1	QR40405	A1
IC40115	E3	IC40607	C2	Q40410	A1	QR40503	C1
IC40116	F3	IC40608	D2	Q40411	A1	QR40504	C1
IC40201	D1	IC40702	B2	Q40412	A1	QR40505	B1
IC40203	E1	IC40703	B3	Q40601	C2	QR40506	B1
IC40204	D2	IC40704	B3	Q40602	C2	QR40507	B1
IC40205	D2	IC40706	B3	QR40001	E3	QR40601	B2
IC40301	D3	IC40707	B2	QR40002	E3	TP40603	C2
IC40304	D2	IC40802	C4	QR40003	A2		
IC40305	D2	Q40101	E3	QR40004	A2		
IC40308	C3	Q40102	E2	QR40101	E3		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IC40006	B3	IC40603	C2	TP40304	C3
IC40007	A4	IC40605	C2	TP40305	C3
IC40008	A3	IC40701	B3	TP40306	D4
IC40009	A2	IC40705	B3	TP40307	D4
IC40101	E3	IC40708	C3	TP40401	B1
IC40102	E3	IC40709	C3	TP40402	B1
IC40104	E3	IC40801	C3	TP40403	B1
IC40106	E1	P40901	C4	TP40501	C1
IC40202	E1	P40902	A1	TP40502	C1
IC40302	D3	Q40801	C4	TP40601	C2
IC40303	D3	Q40802	C4	TP40602	C2
IC40306	D3	TP40101	E3	VR40101	E1
IC40307	D3	TP40102	F3	VR40102	E1
IC40314	D3	TP40103	F4	VR40201	D1
IC40315	D4	TP40104	E2	VR40202	D1
IC40501	A2	TP40105	E1	VR40401	B1
IC40502	A2	TP40106	F1	VR40402	B1
IC40503	B2	TP40201	E2	VR40501	C1
IC40504	B2	TP40202	D1	VR40502	D1
IC40505	D1	TP40203	D1	VR40503	C1
IC40506	D1	TP40204	E1	VR40504	C1
IC40509	D1	TP40205	E2	VR40505	D1
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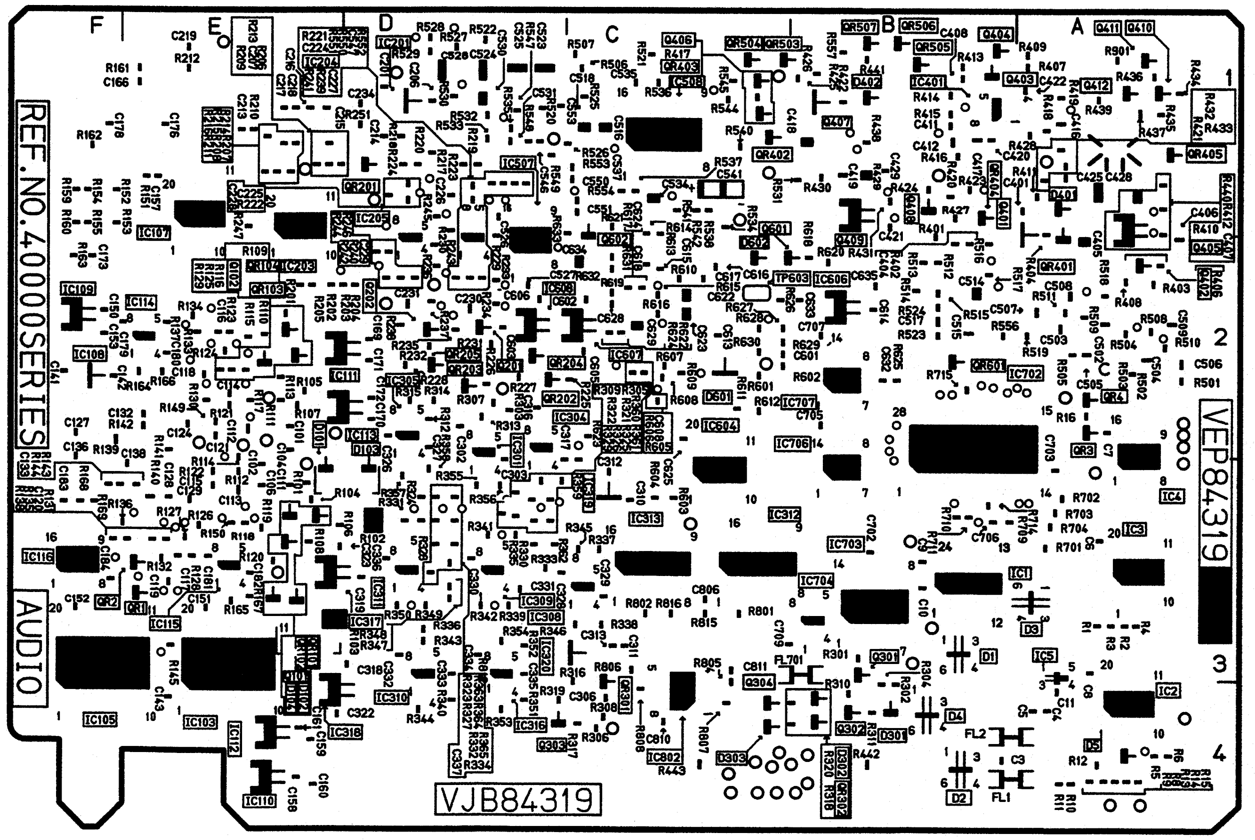
IC40602	C3	TP40303	D3		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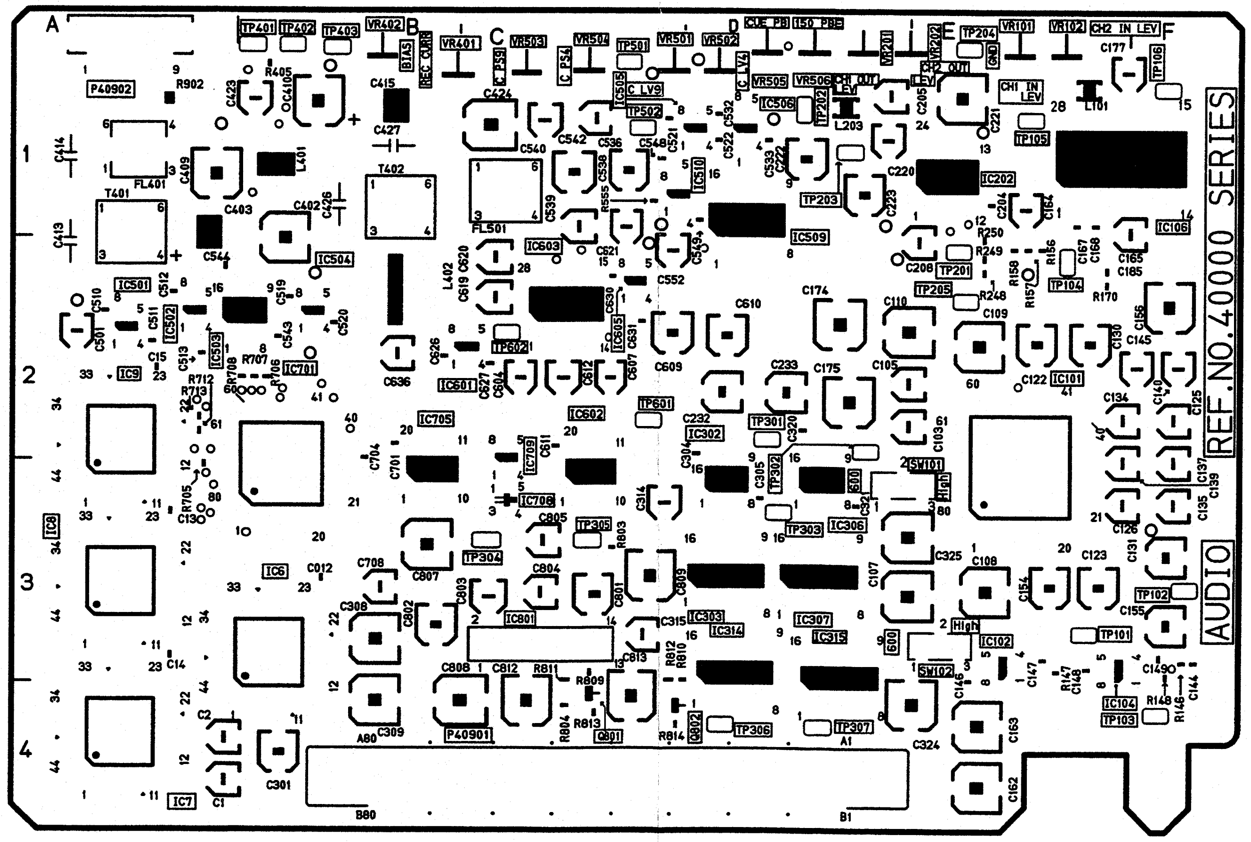
AUDIO
VJB84319

(FOIL SIDE)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P40901
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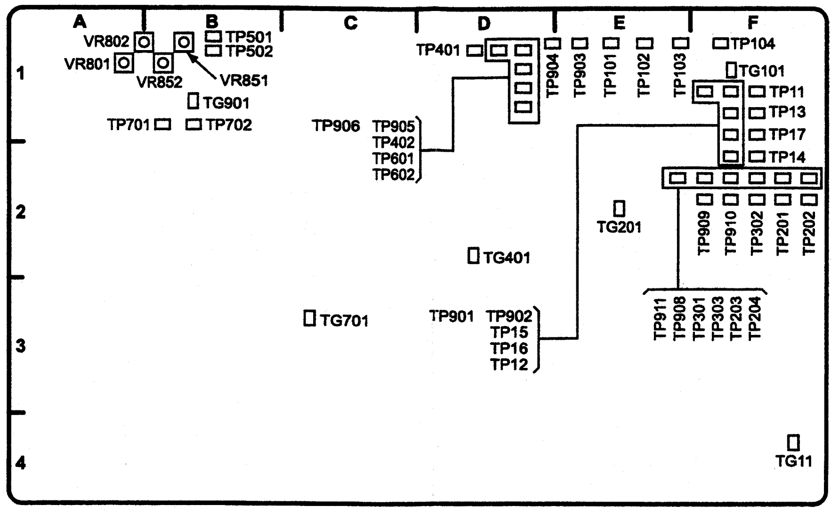
CH2 IN LEV

(COMPONENT SIDE)

RF AMP P.C. BOARD (VEP85172B)

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2	C4	IC613	C3	Q123	E1	Q342	C1	Q516	C2
IC3	D4	IC703	B3	Q131	F1	Q344	C1	Q518	C2
IC4	C3	IC705	A3	Q132	F1	Q346	C1	Q519	C2
IC5	D3	IC706	B3	Q133	F1	Q347	C1	Q520	C2
IC6	D3	IC707	C3	Q151	F2	Q356	F3	Q521	C2
IC7	D4	IC708	B4	Q161	F2	Q357	E3	Q524	C2
IC8	D3	IC710	C3	Q171	E2	Q359	E3	Q525	B2
IC9	C4	IC711	B3	Q181	E2	Q362	F3	Q526	C2
IC10	C4	IC712	B3	Q191	F2	Q404	B1	Q601	D2
IC11	C4	IC713	C3	Q192	F2	Q405	C1	Q603	D3
IC12	C4	IC804	A2	Q202	D1	Q407	D1	Q604	C3
IC13	C4	IC805	A2	Q204	D1	Q408	D1	Q605	D2
IC14	C4	IC854	A2	Q206	D1	Q409	B1	Q606	D2
IC103	F2	IC855	A2	Q207	D1	Q410	D1	Q607	D2
IC201	E1	IC857	A2	Q216	F3	Q411	D2	Q701	B2
IC202	D1	IC902	F1	Q217	F3	Q412	E2	Q702	B2
IC211	F3	IC903	F1	Q219	F3	Q413	D2	Q704	B3
IC241	E1	IC904	D4	Q222	F3	Q416	E2	Q707	B3
IC242	D1	IC905	E3	Q242	D1	Q418	E2	Q901	F1
IC251	F3	IC907	E1	Q244	D1	Q419	E2	Q902	F2
IC301	E1	IC910	B1	Q246	D1	Q420	E2	Q903	C1
IC302	D1	IC911	A1	Q247	D1	Q421	D2	Q904	B1
IC311	E3	IC912	C3	Q256	F3	Q424	D2	Q905	B1
IC341	E1	IC913	D4	Q257	F3	Q425	D2	Q906	A1
IC342	D1	Q1	B4	Q259	F3	Q426	D2	Q907	C1
IC351	E3	Q2	B4	Q262	F3	Q504	B1	Q908	B1
IC603	D3	Q101	E1	Q302	C1	Q505	C1	Q909	B1
IC605	C3	Q102	E1	Q304	C1	Q507	C1	Q910	A1
IC606	D3	Q103	E1	Q306	C1	Q508	C1	Q911	B1
IC607	E3	Q111	E1	Q307	C1	Q509	B1	Q912	D1
IC608	D3	Q112	E1	Q316	E3	Q510	C1	QR1	B4
IC610	E3	Q113	E1	Q317	E3	Q511	C2	QR2	B4
IC611	D3	Q121	E1	Q319	E3	Q512	C2	QR3	B4
IC612	D3	Q122	E1	Q322	E3	Q513	C2	QR4	B4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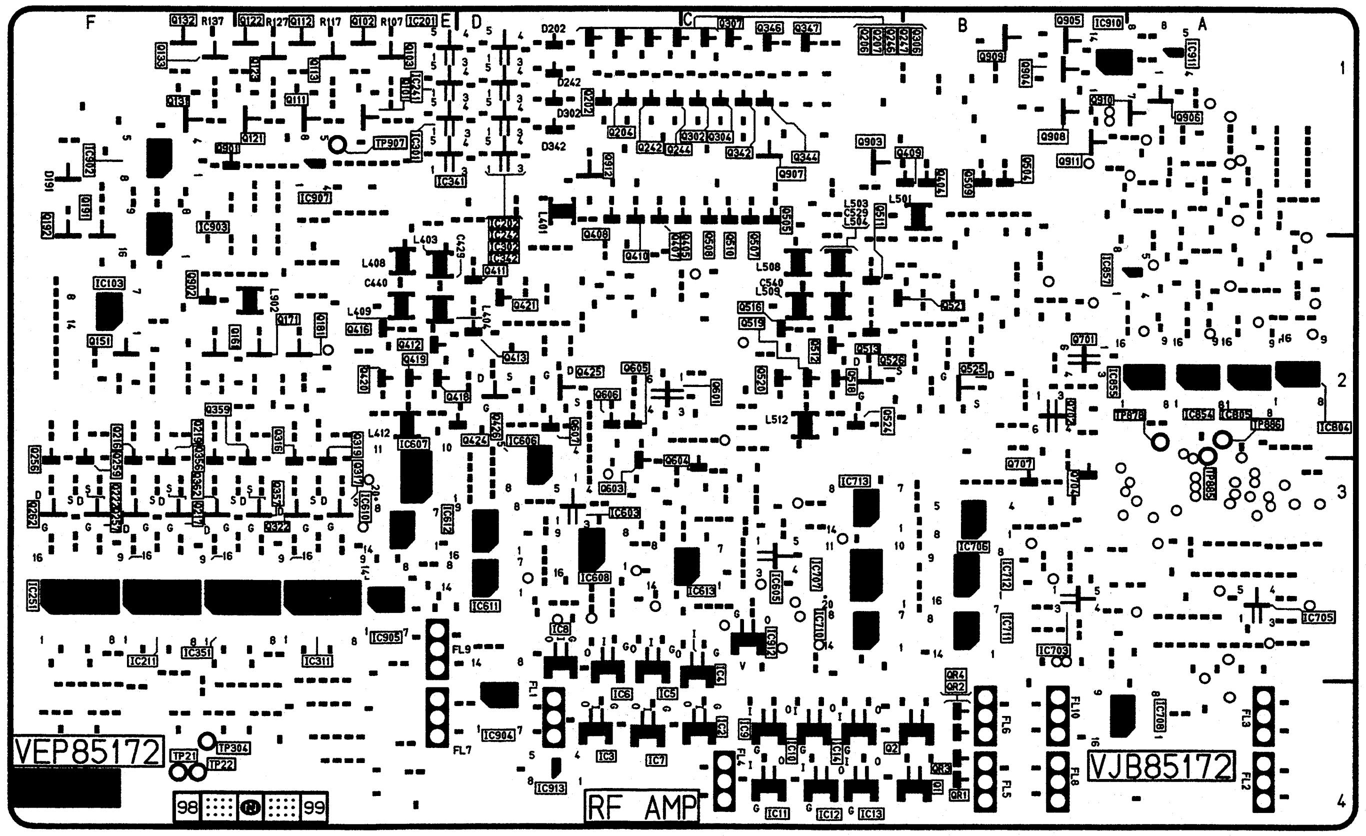
TG11

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	A4	IC809	A2	Q258	F3	Q515	B1	TP302	F2
IC101	F1	IC810	A1	Q260	F3	Q517	B1	TP303	F2
IC102	F2	IC811	A1	Q261	F3	Q522	B2	TP401	D1
IC104	E2	IC812	A1	Q263	F3	Q523	C2	TP402	D1
IC105	F2	IC851	A3	Q301	E1	Q602	C2	TP501	B1
IC281	F4	IC852	A2	Q303	C1	Q703	B3	TP502	B1
IC282	F4	IC853	A2	Q305	C1	Q705	B3	TP601	D1
IC381	E4	IC856	A2	Q315	E3	Q706	B3	TP602	D1
IC401	B1	IC858	A1	Q318	E3	QR101	E1	TP701	B1
IC402	D1	IC859	A2	Q320	E3	QR111	E1	TP702	B1
IC403	D2	IC860	A2	Q321	E3	QR121	E1	TP901	F1
IC404	D2	IC861	A1	Q323	E3	QR131	F1	TP902	F1
IC405	D2	IC862	A1	Q341	E1	TG11	F4	TP903	E1
IC406	C2	IC901	E1	Q343	C1	TG101	F1	TP904	D1
IC501	B1	IC906	E1	Q345	C1	TG201	E2	TP905	D1
IC502	C1	IC908	E1	Q355	E3	TG401	D2	TP906	D1
IC503	B2	IC909	E2	Q358	E3	TG701	C3	VR801	A1
IC504	B2	IC915	E4	Q360	F3	TG901	B1	VR802	B1
IC505	B2	IC916	E2	Q361	F3	TP11	F1	VR851	B1
IC506	B2	P1	E4	Q363	F3	TP12	F2	VR852	B1
IC601	C2	P2	B1	Q401	D2	TP13	F1		
IC602	D3	P3	C1	Q402	D2	TP14	F2		
IC604	C3	Q201	E1	Q403	D1	TP15	F1		
IC609	E3	Q203	D1	Q406	D1	TP16	F1		
IC701	B2	Q205	D1	Q414	D1	TP17	F1		
IC702	B3	Q215	F3	Q415	D2	TP101	E1		
IC704	A3	Q218	F3	Q417	D1	TP102	E1		
IC709	C3	Q220	F3	Q422	D2	TP103	E1		
IC801	A3	Q221	F3	Q423	E2	TP104	F1		
IC802	A2	Q223	F3	Q501	B1	TP201	F2		
IC803	A2	Q241	E1	Q502	C2	TP202	F2		
IC806	A2	Q243	D1	Q503	C1	TP203	F2		
IC807	A1	Q245	D1	Q506	C1	TP204	F2		
IC808	A1	Q255	F3	Q514	B2	TP301	F2		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RF AMP
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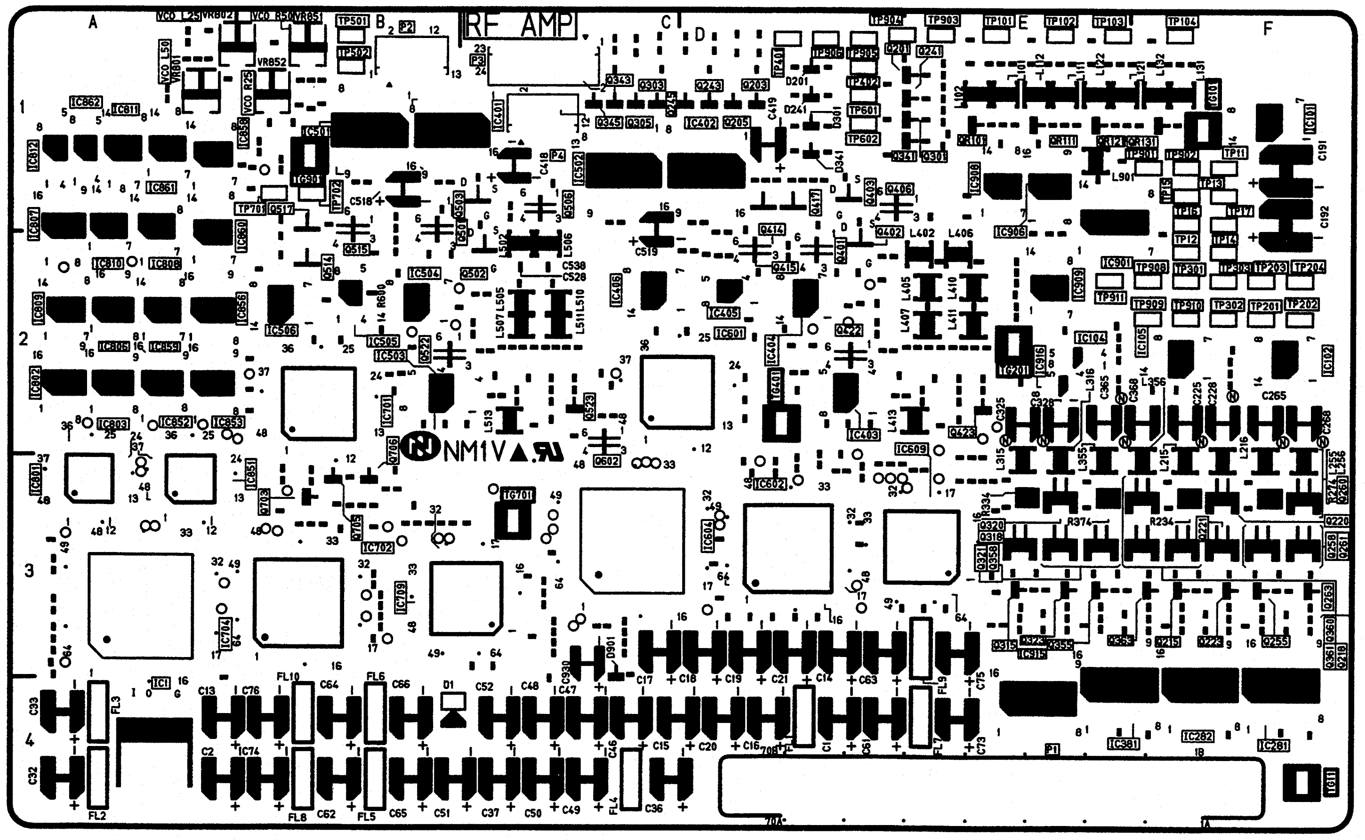
(FOIL SIDE)

CBA–8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(COMPONENT SIDE)

CBA–8

AV SYSCON P.C. BOARD (VEP86274C)

REF	LOC	REF	LOC	REF	LOC
IC60001	B1	IC60501	B2	IC61102	E4
IC60003	A1	IC60502	C3	IC61103	E4
IC60004	C1	IC60503	C3	P61001	E4
IC60005	C2	IC60505	C1	QR60001	B2
IC60006	C2	IC60602	D3	QR60201	A3
IC60007	C1	IC60603	D3	QR60202	A3
IC60008	B1	IC60604	D3	QR60203	A3
IC60009	C1	IC60605	D3	QR60409	A4
IC60011	C1	IC60606	D3	QR60410	A4
IC60012	A1	IC60607	D4	QR60411	A3
IC60013	B1	IC60608	D3	QR60412	A3
IC60014	B2	IC60702	C3	QR60417	A4
IC60202	A3	IC60703	B3	QR60418	A4
IC60203	A3	IC60801	E1	QR60419	A4
IC60204	B3	IC60804	E3	QR60420	A4
IC60303	C2	IC60805	E2	QR60601	D3
IC60304	C1	IC60806	E2	TG60801	D1
IC60305	C2	IC60807	F2	TP60810	D1
IC60306	B3	IC60808	E2		
IC60308	D2	IC60809	F2		
IC60309	D1	IC60810	E1		
IC60310	D2	IC61001	D1		
IC60402	A3	IC61002	F1		
IC60403	B4	IC61003	E1		
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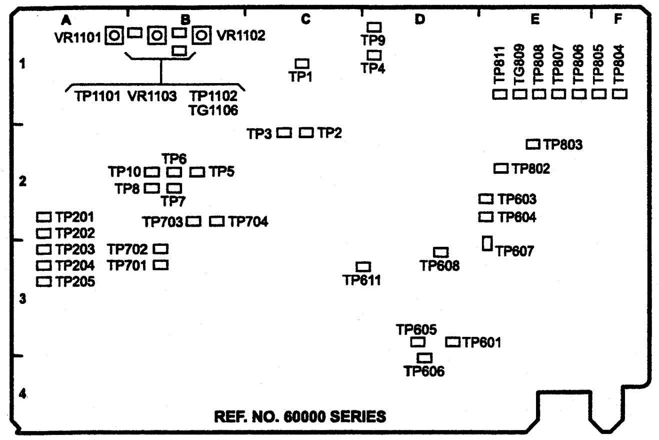
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REF. NO. 60000 SERIES

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IC60002	B1	QR60406	A3	TP60802	E2
IC60101	A2	QR60407	A3	TP60803	E2
IC60102	A2	QR60408	A3	TP61101	B1
IC60103	A2	QR60413	A4	TP61102	B1
IC60201	A3	QR60414	A4	VR61101	A1
IC60401	A4	QR60415	A4	VR61102	B1
IC60504	B2	QR60416	A4	VR61103	B1
IC60506	C3	QR60421	B4		
IC60601	D2	TG60809	E1		
IC60701	B3	TG61106	B1		
IC60704	C3	TP60001	C1		
IC60802	E2	TP60002	C2		
IC60803	E1	TP60003	C2		
IC60902	D1	TP60004	D1		
IC60903	F3	TP60005	B2		
IC60904	E2	TP60006	B2		
P61003	D1	TP60007	B2		
P61104	C4	TP60008	B2		
P61203	A1	TP60009	D1		
P61204	E1	TP60010	B2		
QR60401	A3	TP60601	D3		
QR60402	A3	TP60602	D2		
QR60403	A3	TP60603	E2		
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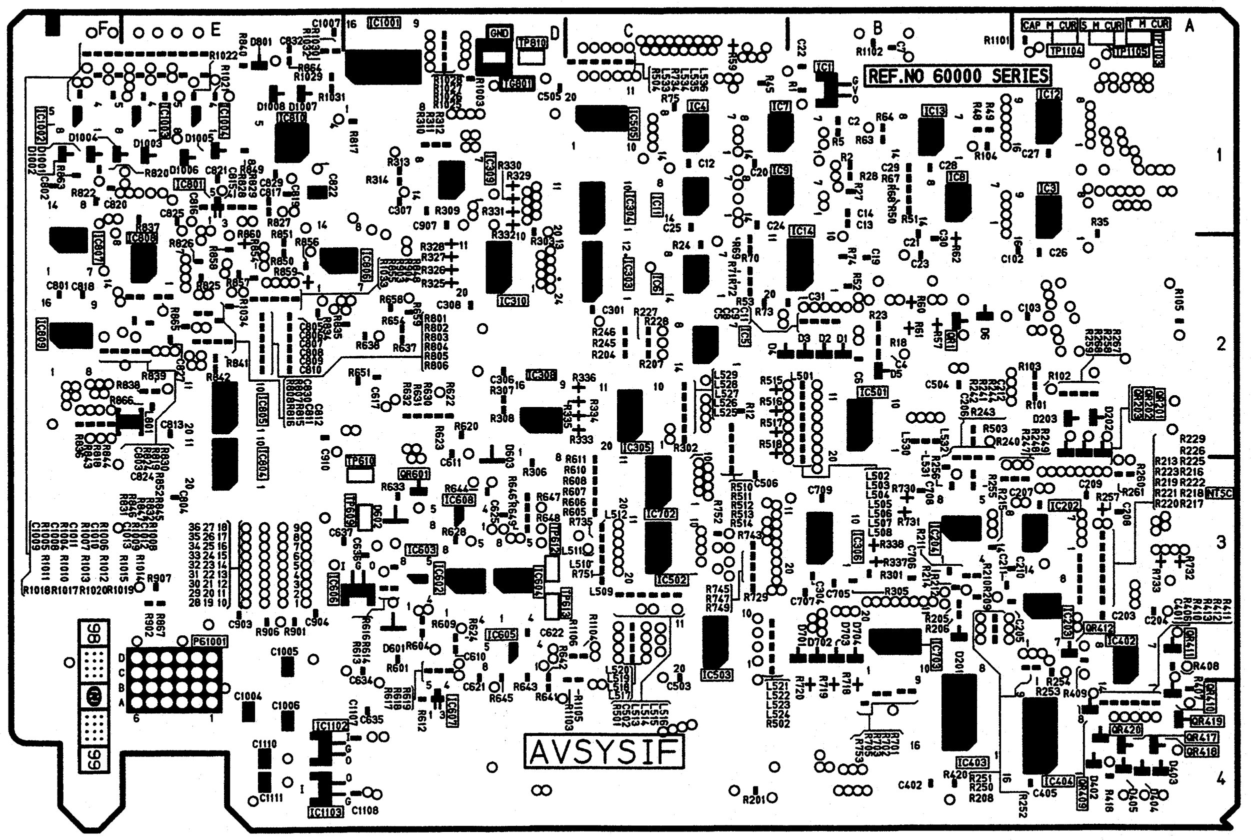
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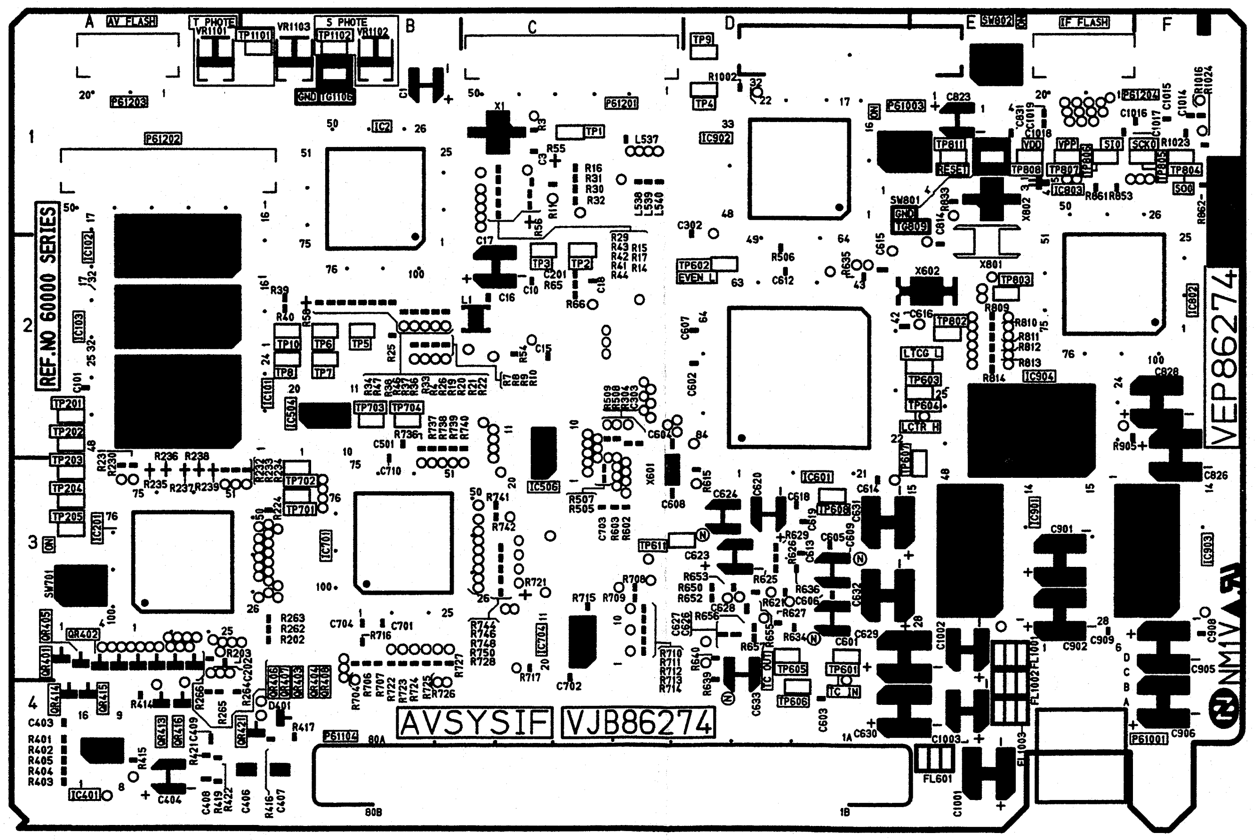
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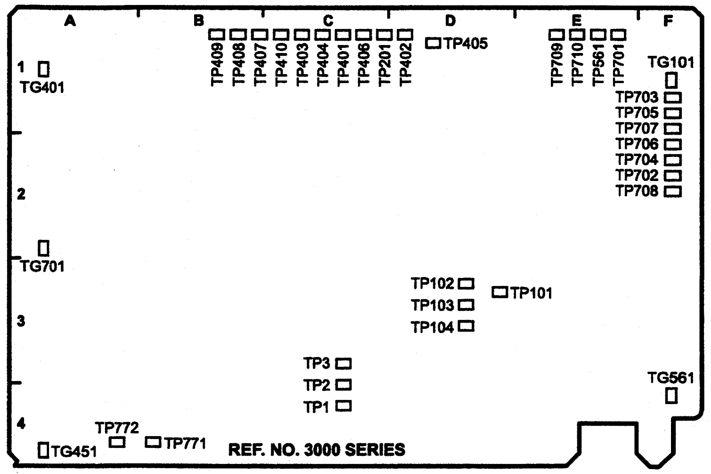
VEP86274

(COMPONENT SIDE)

REC PB P.C. BOARD (VEP83427B)

REF	LOC	REF	LOC
IC3002	F2	IC3404	C2
IC3102	C3	IC3451	D1
IC3103	C3	IC3521	C1
IC3105	B3	IC3522	D1
IC3107	D3	IC3523	C1
IC3109	D3	IC3524	C2
IC3111	C3	IC3562	A3
IC3112	D3	IC3564	A3
IC3203	D3	IC3566	B2
IC3204	E3	IC3569	A3
IC3205	E3	IC3570	A4
IC3206	D3	IC3572	B3
IC3351	E2	IC3773	B3
IC3352	E2	IC3774	C4
IC3401	D2	IC3775	B4
IC3402	D2	IC3803	B2
IC3403	C2		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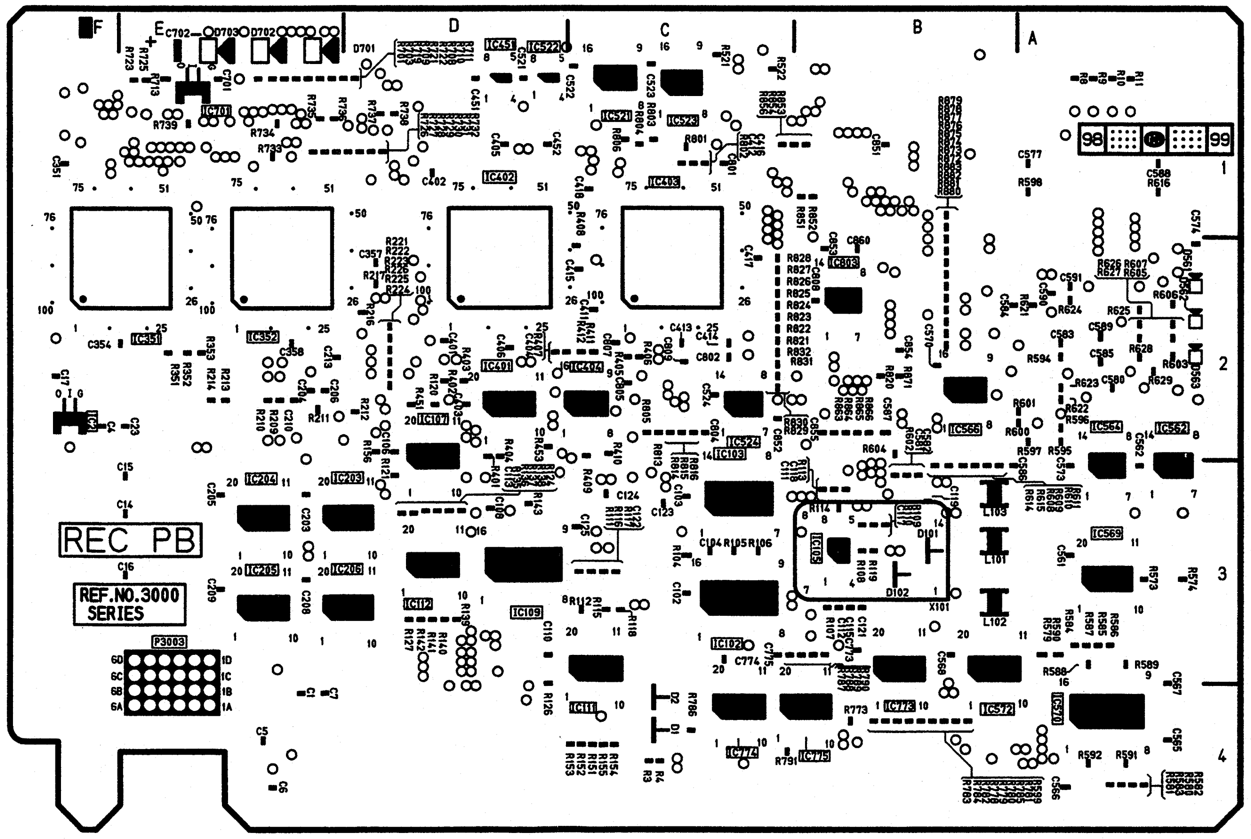
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REF.NO.3000 SERIES
P3003

(FOIL SIDE)

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IC3001	E4	TG3451	A4
IC3101	D3	TG3561	F4
IC3104	C3	TG3701	A2
IC3106	C3	TP3001	C4
IC3108	D3	TP3002	C4
IC3110	D3	TP3003	C3
IC3201	E3	TP3101	D3
IC3202	E3	TP3102	D3
IC3207	E2	TP3103	D3
IC3452	D1	TP3104	D3
IC3453	D2	TP3201	C1
IC3561	A3	TP3401	C1
IC3563	A3	TP3402	D1
IC3565	A3	TP3403	C1
IC3567	A3	TP3404	C1
IC3568	B3	TP3405	D1
IC3571	A2	TP3406	C1
IC3573	A2	TP3407	B1
IC3574	B1	TP3408	B1
IC3575	B2	TP3409	B1
IC3576	A1	TP3410	C1
IC3577	B3	TP3561	E1
IC3771	C3	TP3701	E1
IC3772	B3	TP3702	F2
IC3801	C1	TP3703	F1
IC3802	C2	TP3704	F2
IC3851	B1	TP3705	F1
IC3852	B2	TP3706	F2
P3001	C4	TP3707	F1
P3002	A1	TP3708	F2
P3003	E4	TP3709	E1
P3701	D1	TP3710	E1
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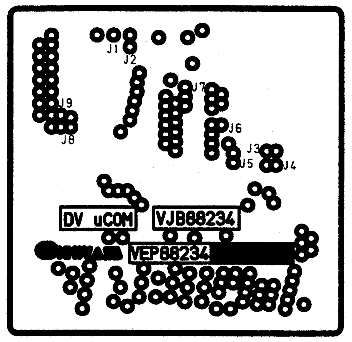
TG3101	F1	TP3772	A4
TG3401	A1		

DV uCOM P.C.BOARD (VEP88234Q)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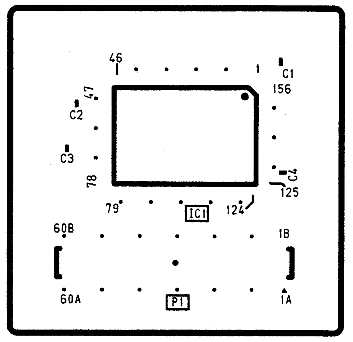
VEP88234

(FOIL SIDE)



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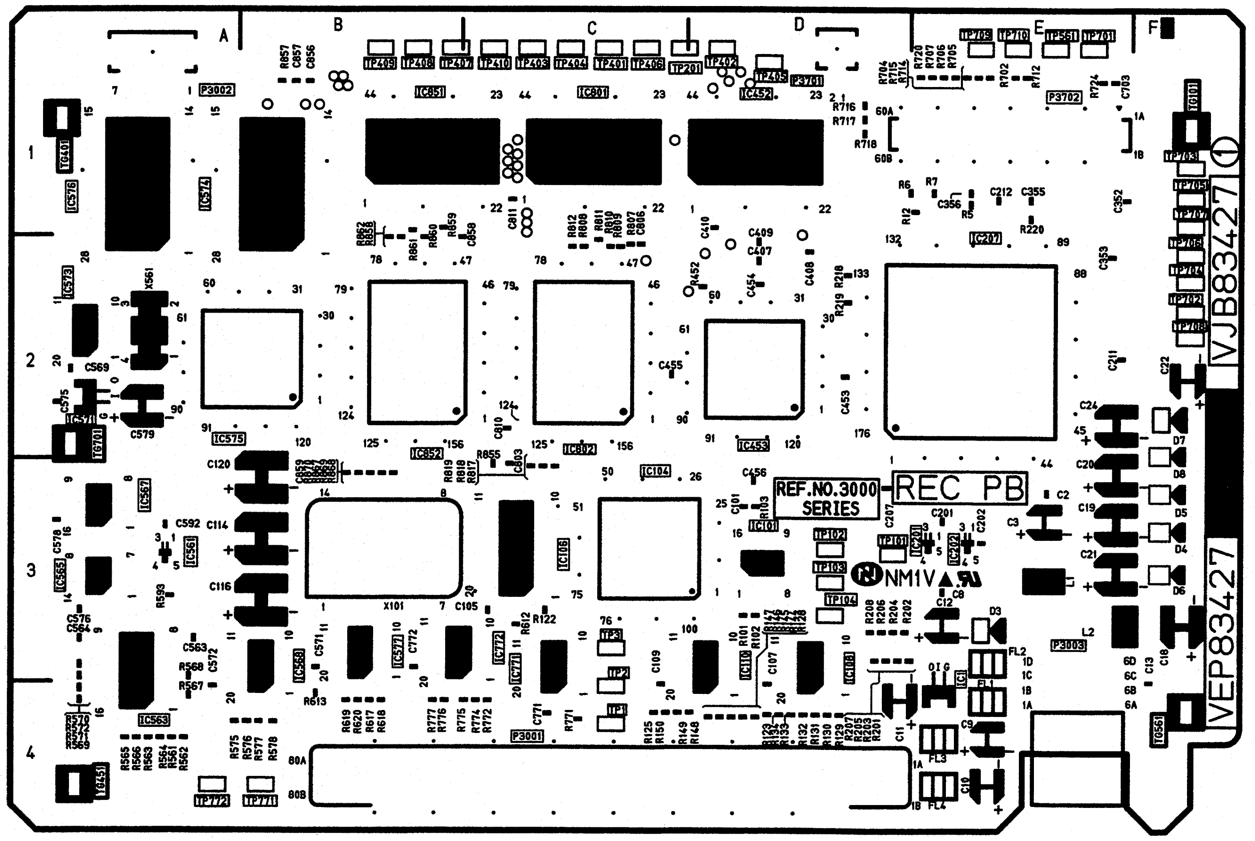
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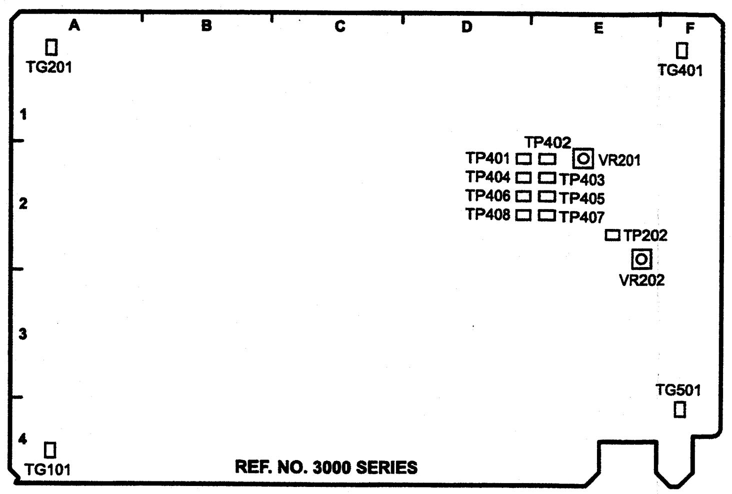
VEP83427

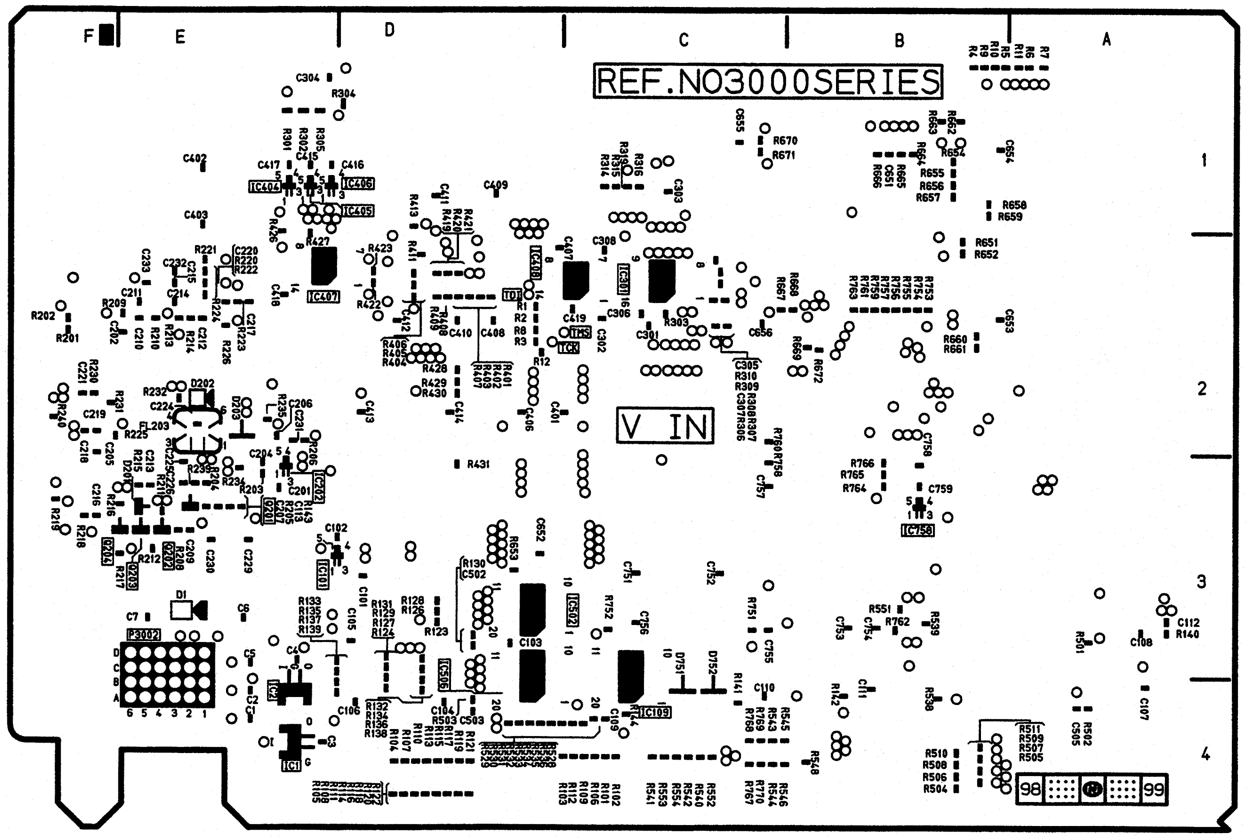
(COMPONENT SIDE)

V IN P.C. BOARD (VEP83428C)

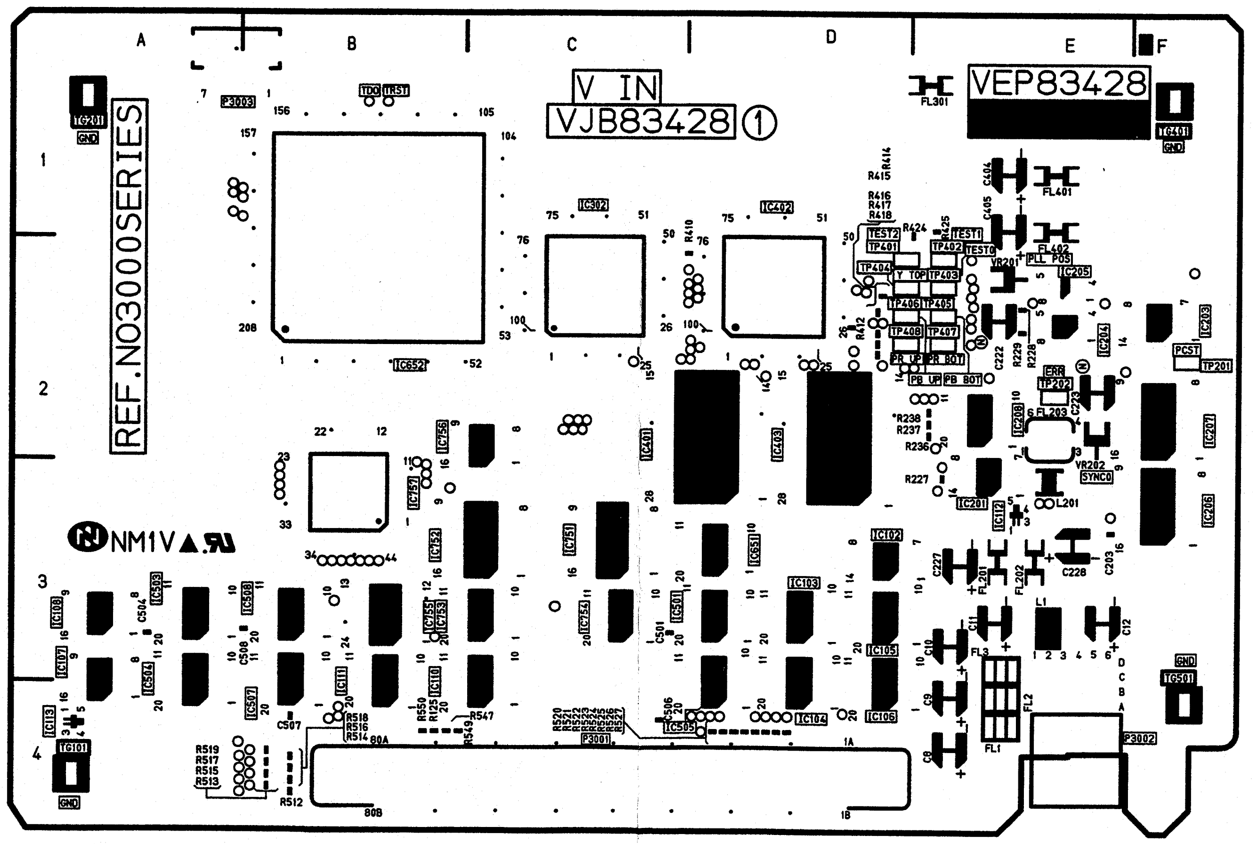
REF	LOC	REF	LOC
IC3001	E4	IC3408	C2
IC3002	E4	IC3502	D3
IC3101	E3	IC3506	D4
IC3109	C4	IC3758	B3
IC3202	E3	P3002	E4
IC3301	C2	Q3201	E3
IC3404	E1	Q3202	E3
IC3405	E1	Q3203	E3
IC3406	E1	Q3204	E3
IC3407	E2		


A
B
C
D
E
F
1
2
3
4
TG201
TG401
TP402
TP401
VR201
TP404
TP403
TP406
TP405
TP408
TP407
TP202
VR202
TG501
TG101
REF. NO. 3000 SERIES

REF	LOC	REF	LOC
IC3102	D3	IC3508	B3
IC3103	D3	IC3651	D3
IC3104	D4	IC3652	B2
IC3105	D3	IC3751	C3
IC3106	D4	IC3752	C3
IC3107	A4	IC3753	C3
IC3108	A3	IC3754	C3
IC3110	C4	IC3755	B3
IC3111	B4	IC3756	C2
IC3112	E3	IC3757	B3
IC3113	A4	P3001	C4
IC3201	E3	P3003	A1
IC3203	F2	TG3101	A4
IC3204	E2	TG3201	A1
IC3205	E2	TG3401	F1
IC3206	F3	TG3501	F4
IC3207	F2	TP3201	F2
IC3208	E2	TP3202	E2
IC3302	C2	TP3401	D2
IC3401	D2	TP3402	E2
IC3402	D2	TP3403	E2
IC3403	D2	TP3404	D2
IC3501	D3	TP3405	E2
IC3503	A3	TP3406	D2
IC3504	A4	TP3407	E2
IC3505	D4	TP3408	D2
IC3507	B4	VR3202	E2


F
E
D
C
B
A
1
2
3
4
REF.NO3000SERIES
V IN
P3002

(FOIL SIDE)


A
B
C
D
E
F
1
2
3
4
REF.NO3000SERIES
V IN
VJB83428 ①
VEP83428
NM1V
P3003
P3002
TG101
TG201
TG401
TG501

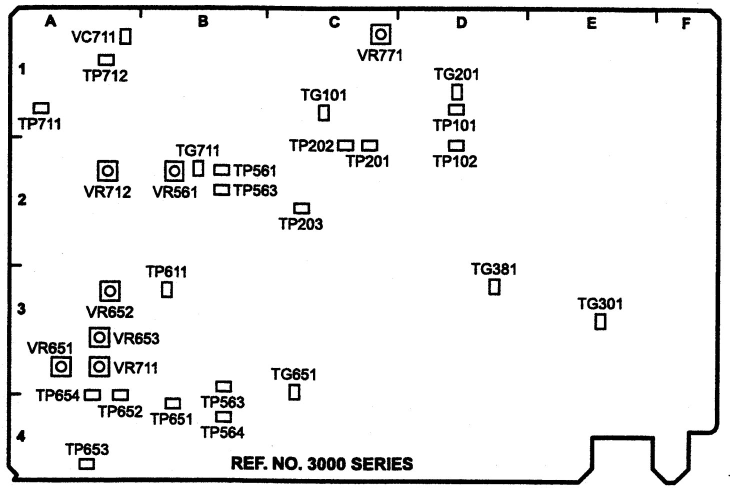
(COMPONENT SIDE)

CBA–11

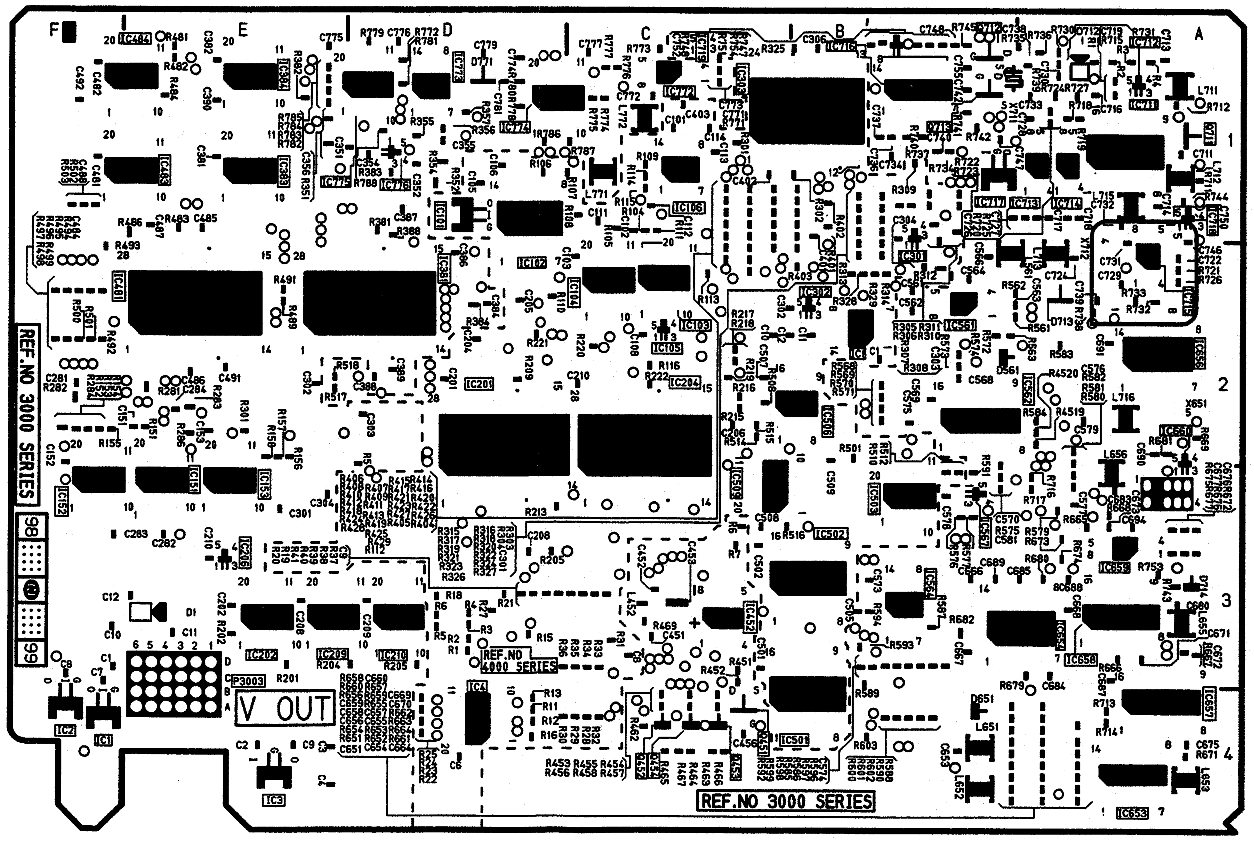
CBA–11

V OUT P.C. BOARD (VEP83429B)

REF	LOC	REF	LOC
IC3001	F4	IC3717	B1
IC3002	F4	IC3718	A1
IC3003	E4	IC3719	B1
IC3151	E3	IC3772	C1
IC3152	F3	IC3773	D1
IC3153	E3	IC3774	D1
IC3202	E3	IC3775	D1
IC3206	E3	IC3776	D1
IC3209	E3	IC4001	B2
IC3210	D3	IC4004	D4
IC3381	D2	IC4101	D1
IC3383	E1	IC4102	D1
IC3384	E1	IC4103	C2
IC3452	C3	IC4104	C2
IC3481	E2	IC4105	C2
IC3483	E1	IC4106	C1
IC3484	E1	IC4201	D2
IC3561	B2	IC4204	C2
IC3562	B2	IC4301	B2
IC3564	B3	IC4302	B2
IC3567	B3	IC4303	B1
IC3653	A4	IC4501	B4
IC3654	A3	IC4502	B3
IC3656	A2	IC4503	B3
IC3657	A4	IC4506	B2
IC3658	A3	IC4509	C3
IC3659	A3	Q3451	C4
IC3660	A3	Q3452	C4
IC3711	A1	Q3453	C4
IC3712	A1	Q3454	C4
IC3713	A1	Q3711	A1
IC3714	A1	Q3712	B1
IC3715	A2	Q3713	B1
IC3716	B1		

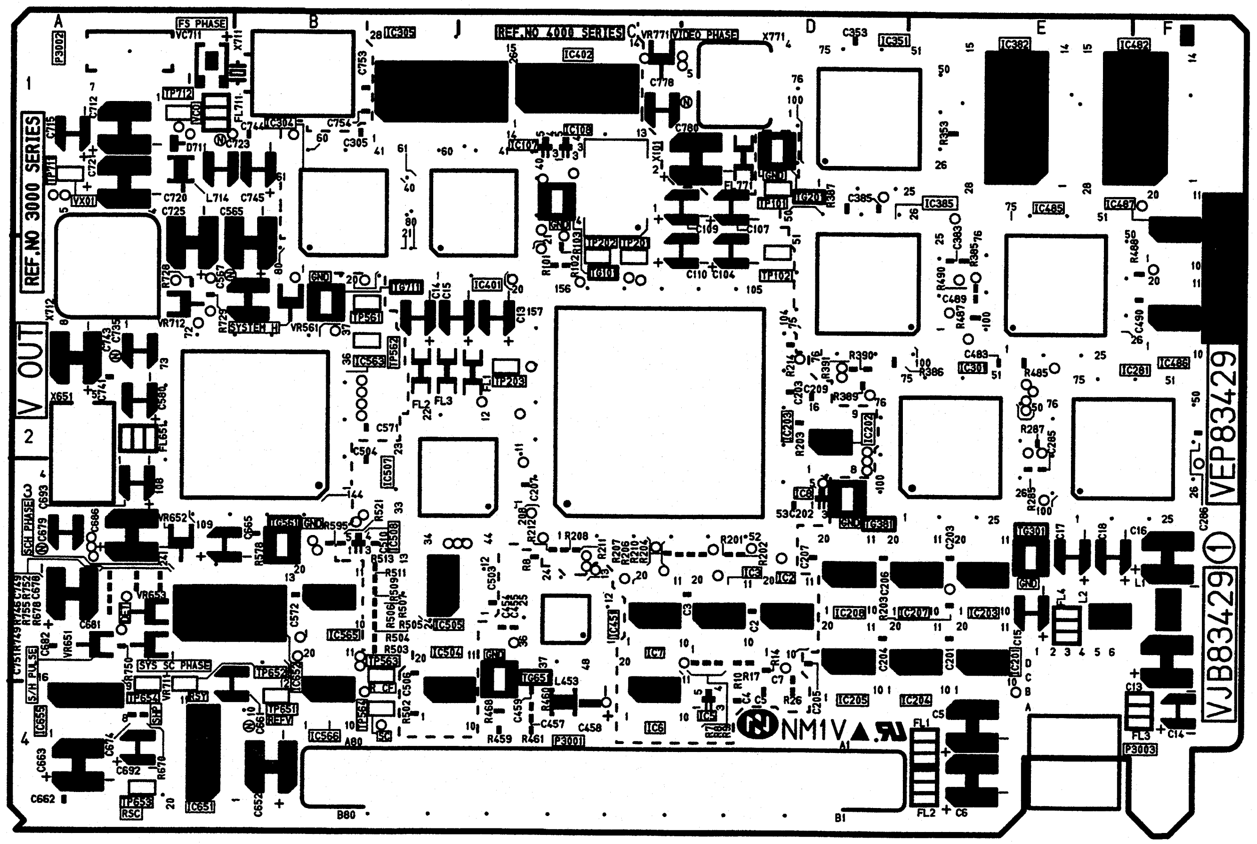

A
B
C
D
E
F
1
2
3
4
VC711
VR771
TP712
TG201
TG101
TP711
TP101
TG711
TP202
TP201
TP102
VR712
VR561
TP561
TP563
TP203
TP611
TG381
VR652
TG301
VR653
VR651
VR711
TG651
TP654
TP652
TP651
TP563
TP564
TP653
REF. NO. 3000 SERIES

REF	LOC	REF	LOC
IC3201	E3	IC4504	B4
IC3203	E3	IC4505	B3
IC3204	E3	IC4507	C3
IC3205	D3	IC4508	B3
IC3207	E3	P3001	C4
IC3208	D3	P3002	A1
IC3281	E2	P3003	E4
IC3301	E2	TG3301	E3
IC3351	D1	TG3381	D3
IC3382	E1	TG3561	B3
IC3385	D2	TG3651	C4
IC3451	C3	TG3711	B2
IC3482	F1	TG4101	C1
IC3485	E2	TG4201	D1
IC3486	F2	TP3561	B2
IC3487	F1	TP3562	B2
IC3563	B2	TP3563	B4
IC3565	B3	TP3564	B4
IC3566	B4	TP3651	B4
IC3651	A4	TP3652	A4
IC3652	A3	TP3653	A4
IC3655	A4	TP3654	A4
IC4002	D3	TP3711	A1
IC4003	D3	TP3712	A1
IC4005	D4	TP4101	D1
IC4006	C4	TP4102	D2
IC4007	C3	TP4201	C2
IC4008	D3	TP4202	C2
IC4107	C1	TP4203	C2
IC4108	C1	VR3561	B2
IC4202	D2	VR3651	A3
IC4203	C2	VR3652	A3
IC4304	B1	VR3653	A3
IC4305	B1	VR3711	A3
IC4401	C1	VR3712	A2
IC4402	C1	VR3771	C1


F
E
D
C
B
A
1
2
3
4
REF.NO 3000 SERIES
V OUT
REF.NO 4000 SERIES
REF.NO 3000 SERIES

(FOIL SIDE)

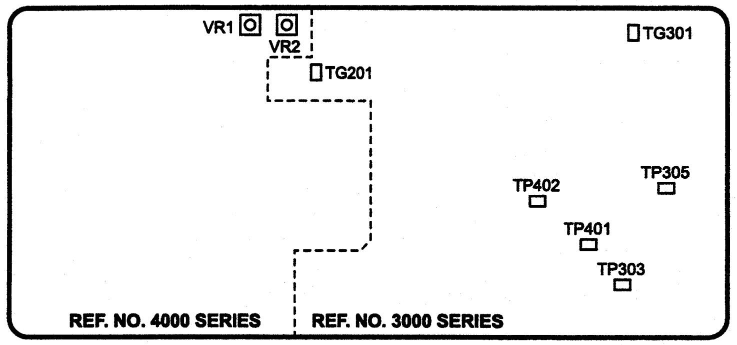
CBA–12

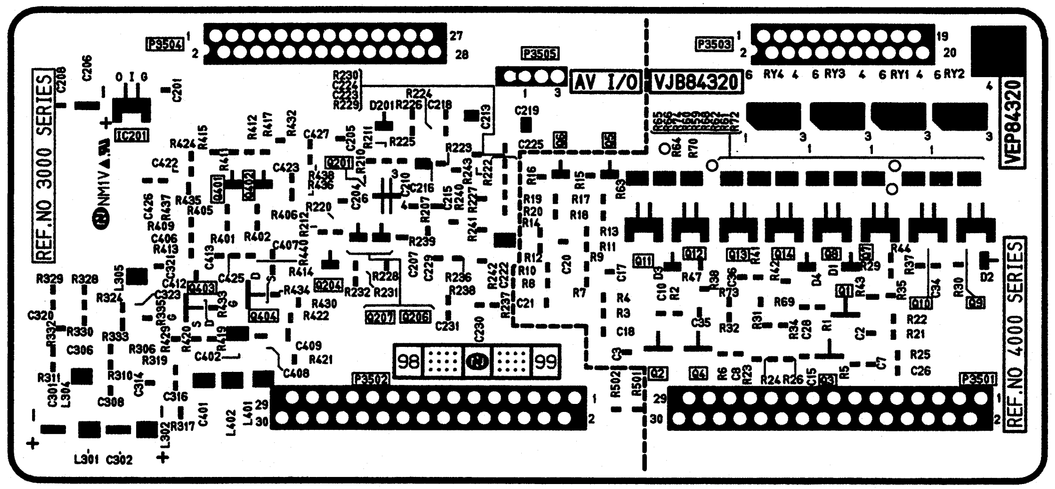

A
B
C
D
E
F
1
2
3
4
FS PHASE
REF.NO 4000 SERIES
VIDEO PHASE
REF.NO 3000 SERIES
V OUT
VEP83429
VJB83429①
NM1V
SYS SC PHASE

(COMPONENT SIDE)

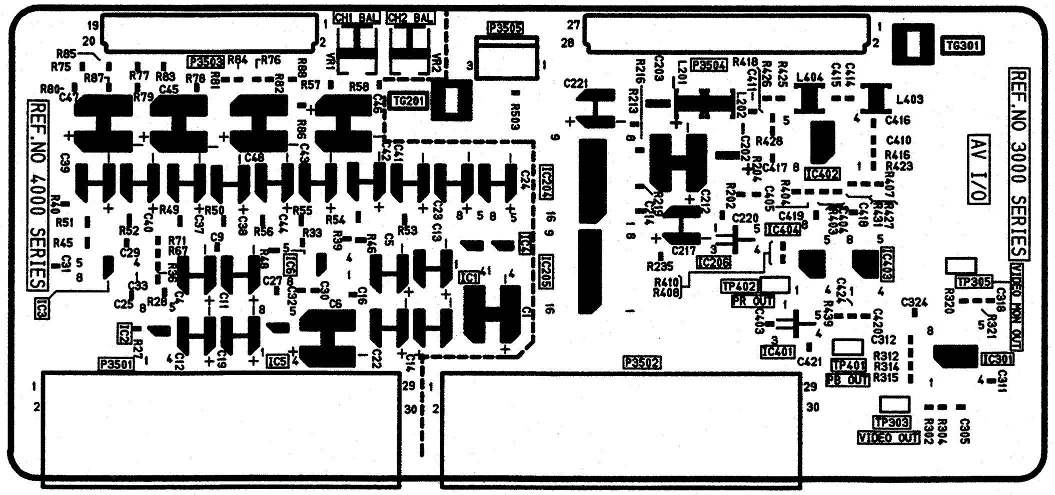
CBA–12

AV I/O P.C. BOARD (VEP84320C)


VR1
VR2
TG301
TG201
TP402
TP305
TP401
TP303
REF. NO. 4000 SERIES
REF. NO. 3000 SERIES


AV I/O
VJB84320
VEP84320
REF.NO 3000 SERIES
REF.NO 4000 SERIES
P3504
P3505
P3503
P3502
P3501

(FOIL SIDE)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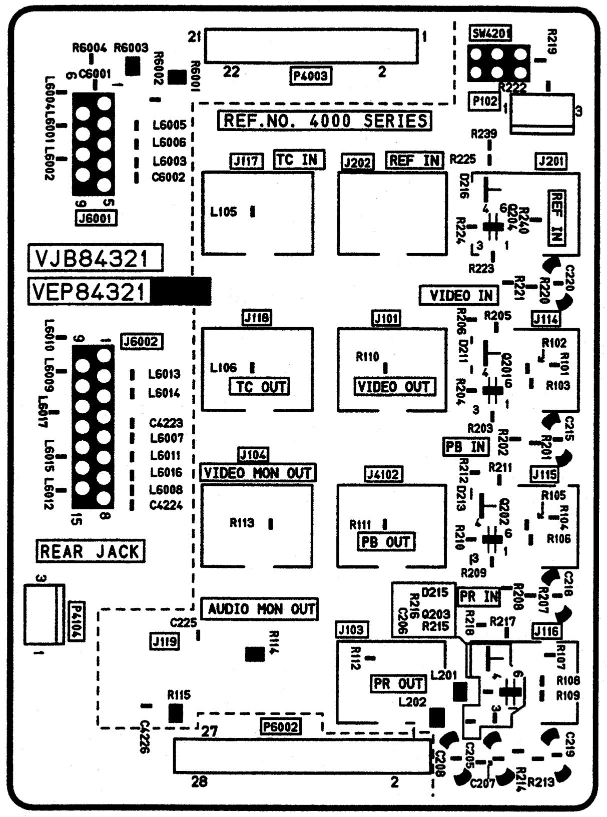
REF.NO 3000 SERIES
AV I/O
TG301
TG201
P3505
P3504
P3503
P3502
P3501
VIDEO MON OUT
TP305
TP402
PR OUT
TP401
PB OUT
TP303
VIDEO OUT
CH1 BAL
CH2 BAL

(COMPONENT SIDE)

REAR JACK P.C. BOARD (VEP84321C)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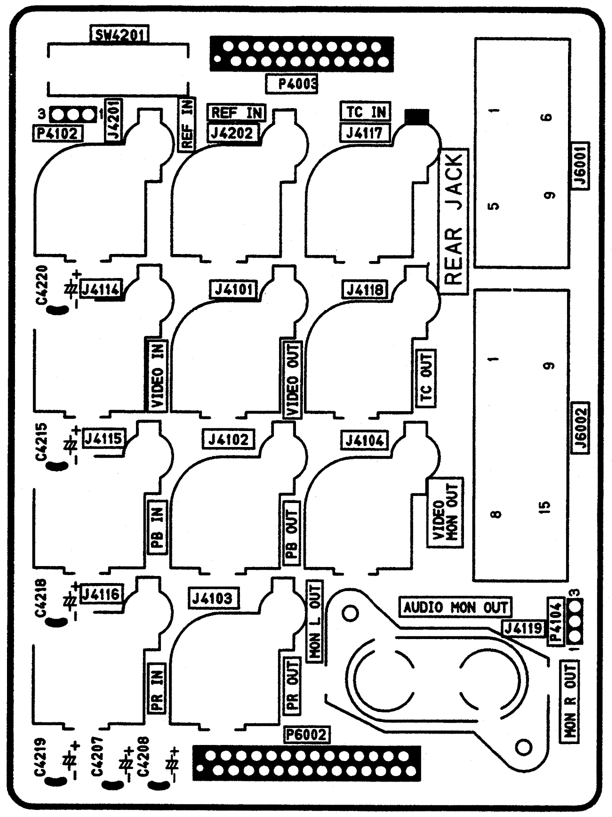
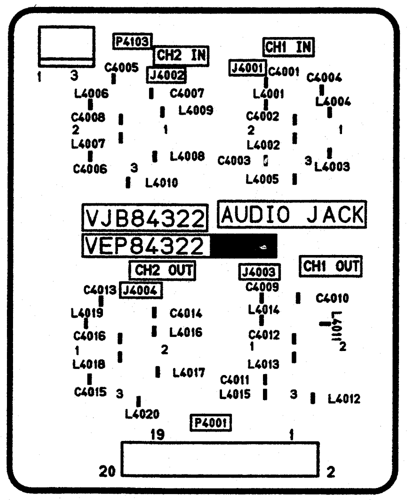
VJB84321
VEP84321
REAR JACK
P4003
SW4201
J6001
J6002
TC IN
REF IN
VIDEO IN
TC OUT
VIDEO OUT
VIDEO MON OUT
PB IN
PB OUT
PR IN
PR OUT
AUDIO MON OUT
P6002
P4104

(FOIL SIDE)

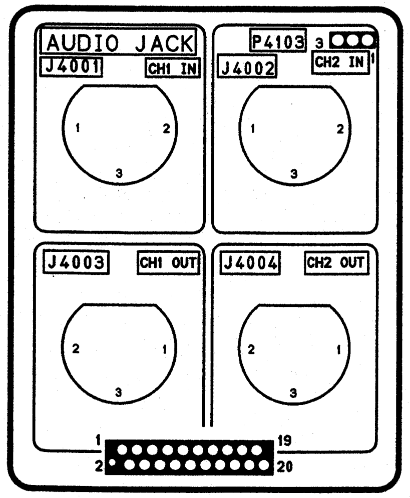

SW4201
P4003
P4102
J4201
REF IN
J4202
TC IN
J4117
REAR JACK
J6001
J6002
J4114
J4101
J4118
VIDEO IN
VIDEO OUT
TC OUT
J4115
J4102
J4104
PB IN
PB OUT
VIDEO MON OUT
J4116
J4103
MON L OUT
AUDIO MON OUT
J4119
P4104
PR IN
PR OUT
MON R OUT
P6002

(COMPONENT SIDE)

AUDIO JACK P.C. BOARD (VEP84322C)

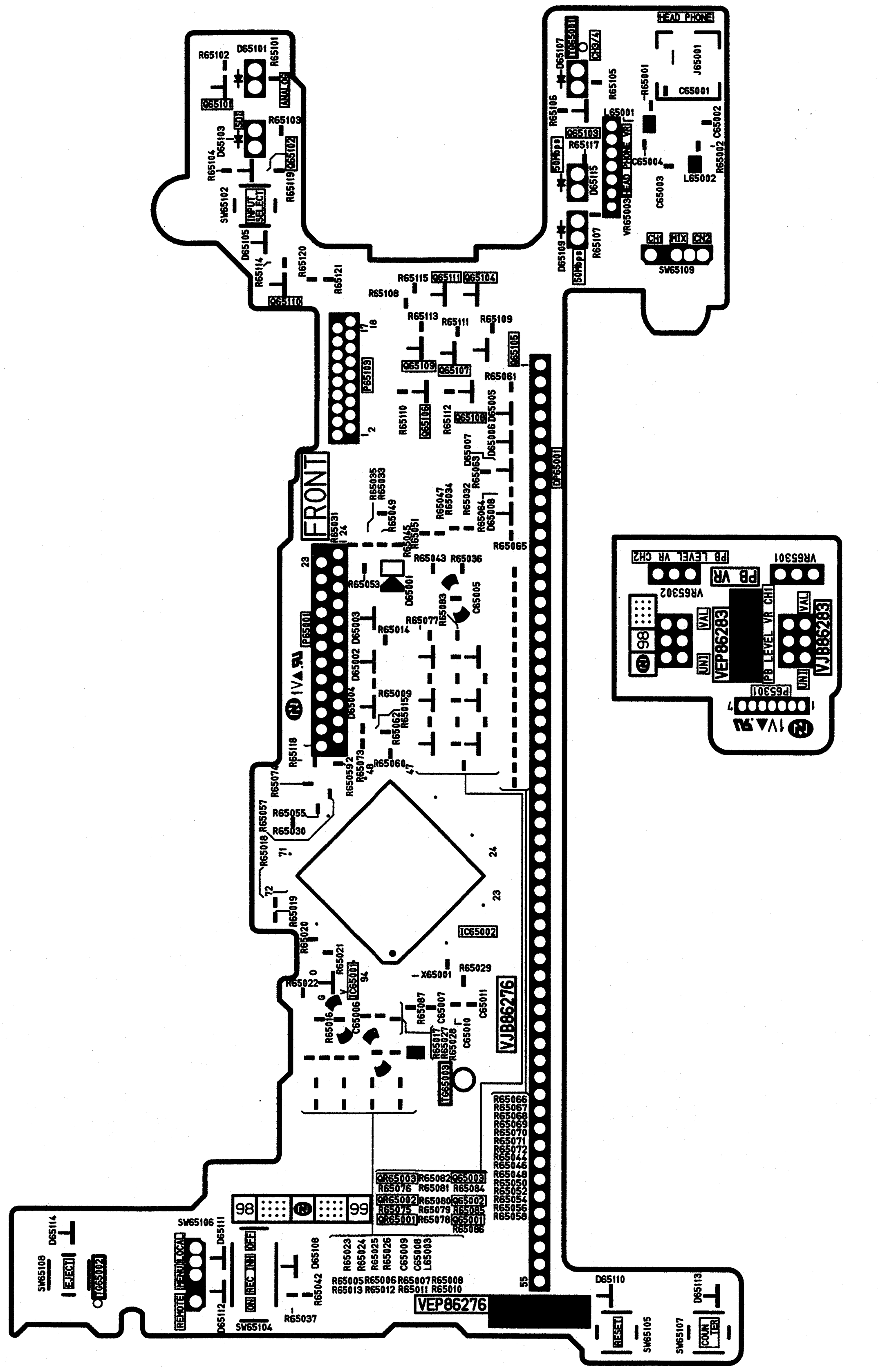

P4103
CH2 IN
CH1 IN
J4002
J4001
VJB84322
AUDIO JACK
VEP84322
CH1 OUT
CH2 OUT
J4003
J4004
P4001

(FOIL SIDE)

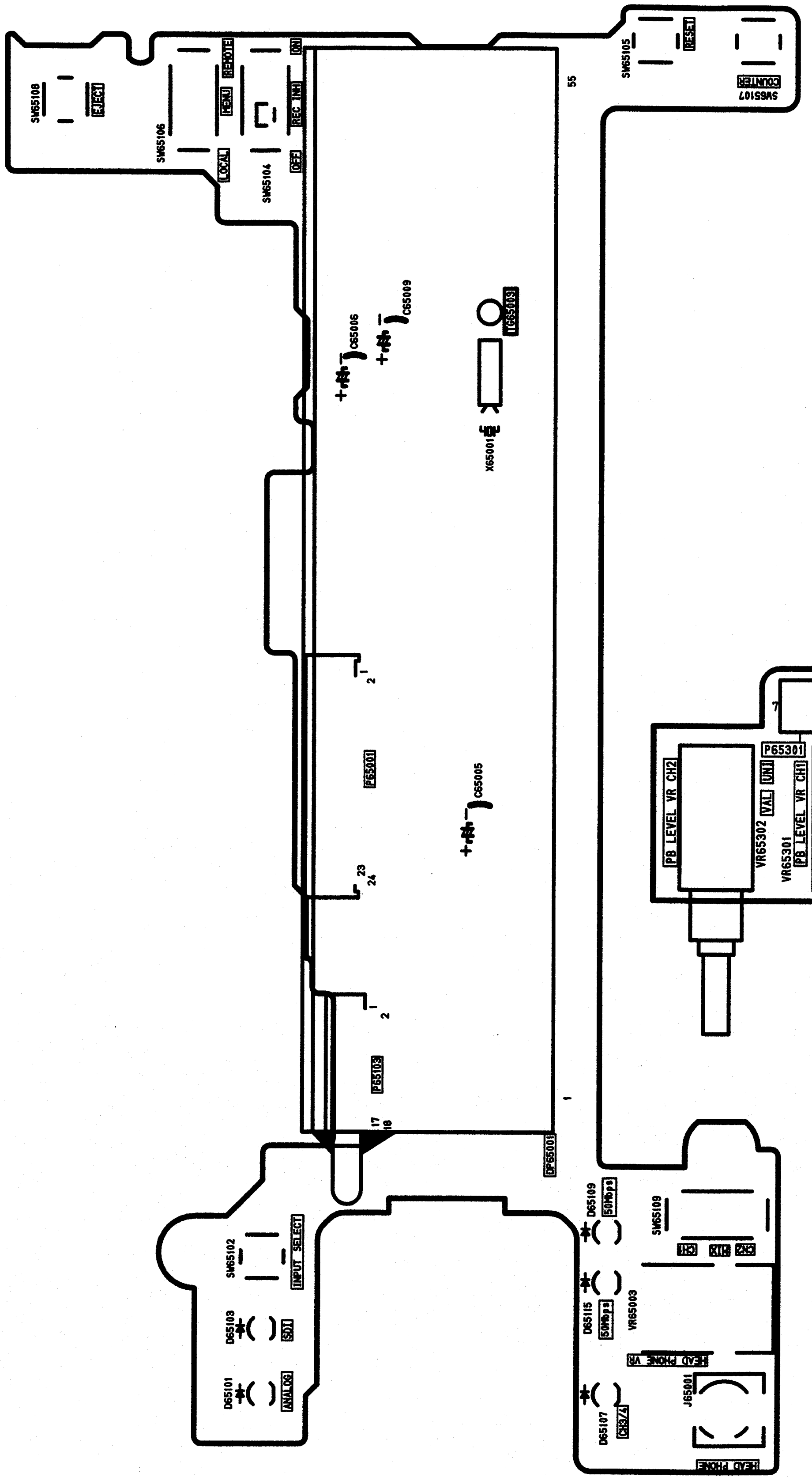

AUDIO JACK
P4103
J4001
CH1 IN
J4002
CH2 IN
J4003
CH1 OUT
J4004
CH2 OUT

(COMPONENT SIDE)

FRONT P.C. BOARD (VEP86276B) / PB VR P.C. BOARD (VEP86283A)

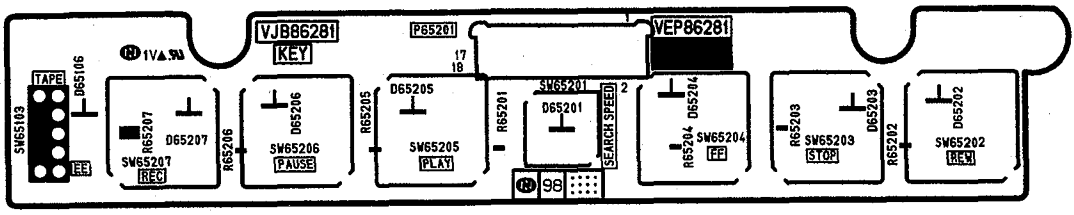

HEAD PHONE
J65001
C65001
L65001
L65002
SW65109
CH1
MIX
CH2
FRONT
P65001
P65103
CP65001
IC65002
X65001
VJB86276
VEP86276
SW65106
SW65104
SW65105
SW65107
SW65108
SW65102
EJECT
REMOTE
LOCAL
RESET
COUNTER
VR65301
VR65302
PB VR
PB LEVEL VR CH1
PB LEVEL VR CH2
VEP86283
VJB86283
P65301
VAL
UNI
55

(FOIL SIDE)

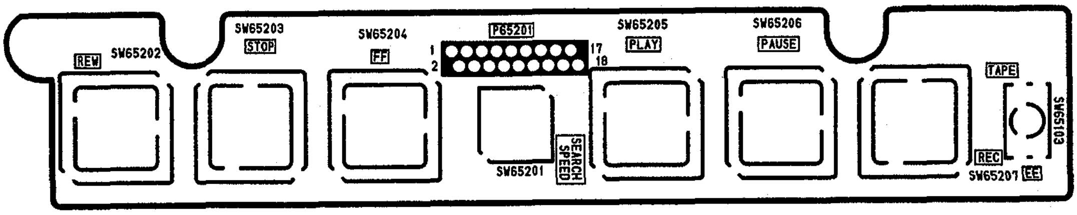

SW65108
EJECT
SW65106
LOCAL
SW65104
SW65105
SW65107
COUNTER
RESET
C65006
C65009
C65005
X65001
P65001
P65103
CP65001
P65301
VR65302
VR65301
PB LEVEL VR CH2
PB LEVEL VR CH1
SW65102
INPUT SELECT
SW65109
HEAD PHONE VR
VR65003
J65001
HEAD PHONE
55

(COMPONENT SIDE)

KEY P.C.BOARD(VEP86281B)

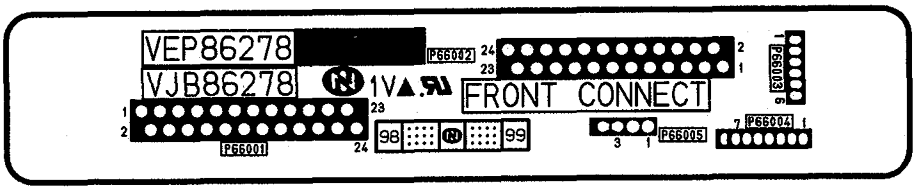

VJB86281
KEY
P65201
VEP86281
1VA
TAPE
EE
SW65103
D65106
R65207
D65207
SW65207
REC
R65206
D65206
SW65206
PAUSE
R65205
D65205
SW65205
PLAY
R65201
SW65201
D65201
SEARCH SPEED
98
D65204
R65204
SW65204
FF
R65203
SW65203
STOP
D65203
R65202
D65202
SW65202
REW
1
2
17
18

(FOIL SIDE)

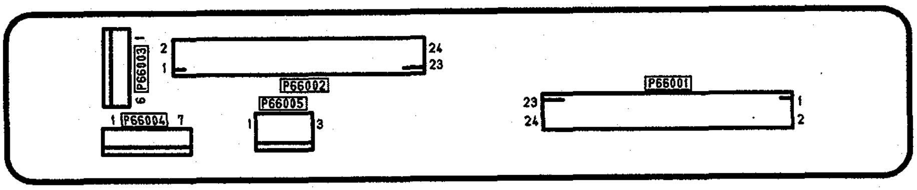

REW
SW65202
SW65203
STOP
SW65204
FF
P65201
1
2
17
18
SW65201
SEARCH SPEED
SW65205
PLAY
SW65206
PAUSE
TAPE
SW65103
REC
SW65207
EE

(COMPONENT SIDE)

FRONT CONNECTION P.C.BOARD(VEP86278A)

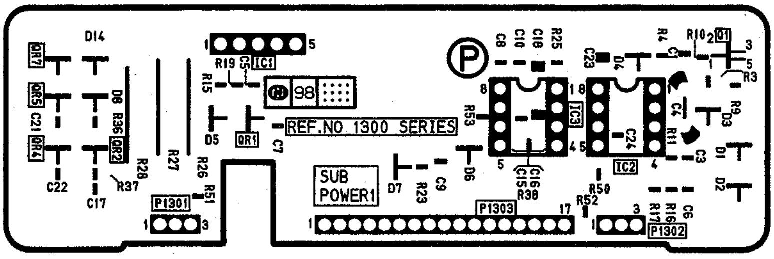

VEP86278
VJB86278
1VA
P66002
24
23
2
1
FRONT CONNECT
P66003
1
6
1
2
23
24
P66001
98
99
3
1
P66005
7
P66004
1

(FOIL SIDE)


P66003
1
6
2
1
24
23
P66002
P66005
1
3
1
P66004
7
P66001
23
24
1
2

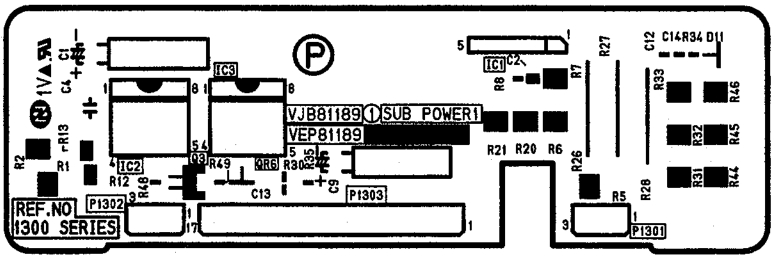
(COMPONENT SIDE)

POWER 1 SUB P.C.BOARD (VEP81189A)



D14
QR7
QR5
QR4
QR2
C21
C22
C17
R37
R28
R27
R26
R51
D8
R36
P1301
R19
R15
IC1
98
REF.NO 1300 SERIES
D5
QR1
C7
SUB POWER1
D7
R23
C9
D6
P1303
C8
C10
C18
R25
R53
IC3
C15
C16
R38
R52
R50
C23
D4
C24
R11
IC2
R4
R10
Q1
R3
R9
D3
C3
D1
D2
R17
R16
C6
P1302

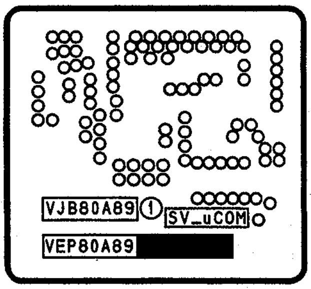
(FOIL SIDE)



C1
C4
R13
R2
R1
IC3
IC2
R12
R48
Q3
R49
QR6
R30
R35
C13
C9
P1303
P1302
REF.NO 1300 SERIES
VJB81189 ① SUB POWER1
VEP81189
IC1
C2
R8
R7
R21
R20
R6
R27
R26
C12
C14
R34
D11
R33
R46
R32
R45
R31
R44
R5
R28
P1301

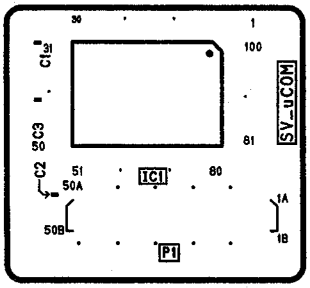
(COMPONENT SIDE)

SV-uCOM P.C.BOARD (VEP80A89D/E)



VJB80A89 ① SV_uCOM
VEP80A89

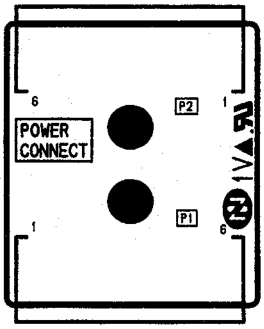
(FOIL SIDE)



30
1
31
100
C1
SV_uCOM
C3
50
81
C2
51
80
50A
IC1
1A
50B
1B
P1

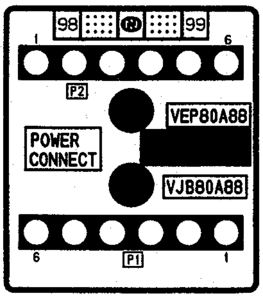
(COMPONENT SIDE)

POWER CONNECT P.C.BOARD (VEP80A88A)



6
P2
1
POWER CONNECT
1
P1
6

(FOIL SIDE)



98
99
1
6
P2
VEP80A88
POWER CONNECT
VJB80A88
6
P1
1

(COMPONENT SIDE)

SECTION 8

EXPLODED VIEWS & PARTS LIST

Note:

1. *Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=pF.
3. The P.C. Board units marked with "■" shown below the main assembled parts.
4. The parts marked with E on the exploded view show the electric parts.
5. IMPORTANT SAFETY NOTICE
   Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.
   After the discontinuation of this assembly in production, it will no longer be available

<<Abbreviations for part>>

<NAME> <DESCRIPTIONS>

C. CAPACITOR : CERAMIC CAPACITOR
C. CAPACITOR CH : CERAMIC CHIP CAPACITOR
E. CAPACITOR : ELECTROLYTIC CAPACITOR
G. CAPACITOR : GLASS CAPACITOR
M. CAPACITOR : MICA CAPACITOR
P. CAPACITOR : PLASTIC FILM CAPACITOR
S. CAPACITOR : SEMI-CONDUCTOR CAPACITOR
T. CAPACITOR : TANTALUM CAPACITOR
TRIMMER : TRIMMER

C. RESISTOR : CARBON RESISTOR
F. RESISTOR : FUSE RESISTOR
M. RESISTOR : METAL OXSIDE RESISTOR
M. RESISTOR CH : METAL OXSIDE CHIP RESISTOR
S. RESISTOR : SOLID RESISTOR
V. RESISTOR : VARIABLE RESISTOR
W. RESISTOR : WIRE WOUND RESISTOR

COMBI. TR-R : TRANSISTOR-RESISTOR COMBINATION PARTS
COMBI. R-R : RESISTOR-RESISTOR COMBINATION PARTS
COMBI. C-R : CAPACITOR-RESISTOR COMBINATION PARTS
COMBI. C-R-R : CAPACITOR-RESISTOR-COIL COMBINATION PARTS

P.C. BOARD : PRINTED CIRCUIT BOARD
W/COMPONENT : WITH COMPONENT

CONTENTS

Mechanical Replacement Parts List & Exploded Views ···················· PRT-1

Mechanical Chassis Assembly (1) ··· PRT-1

Mechanical Chassis Assembly (2) ··· PRT-3

Sub Chassis Assembly ·· PRT-5

Chassis Frame Assembly ·· PRT-7

Casing Parts Assembly ·· PRT-9

Cassette Compartment Assembly ·· PRT-11

Packing Parts Assembly ··· PRT-13

Electrical Replacement Parts List ··· PRT-14

SERVICNG FIXTURES & TOOLS

AJ-D94E

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VFK1145	BACK TENSION METER	1	
2	VFK1149	POST DRIVER	1	
3	VFK71	DIAL TORQUE GAUGE (150G)	1	
4	VFK1191	DIAL TORQUE GAUGE (45G)	1	
5	VFK1152	TORQUE GAUGE ADAPTOR	1	
6	VFK0357	ECCENTRIC SCREWDRIVER	1	
7	VFK1154	POST HIGHT TOOL	1	
8	VFK1348	MECH NEWTRAL PLATE	1	
9	VFK1155	NEWTRAL POSITION TOOL	1	
10	VFK1156	NEWTRAL POSITION TOOL	1	
11	VFK1208	NEWTRAL POSITION TOOL	1	
12	VFK1150	NUT DRIVER (5.2MM)	1	
13	VFK1151	NUT DRIVER (2.5MM)	1	
14	VFK1188	DIAL TENSION GAUGE	1	
15	VFK0948A	CHECK LIGHT	1	
16	VFK0749	FROIRAL GREASE	1	
17	MOR265	MORLYTONE GREASE	1	
18	VFK1146	PHILIPS DRIVER	1	
19	VFK1147	SCREW DRIVER	1	
20	VFK1148	HEX DRIVER (1.5MM)	1	
21	VFK1178	HEX DRIVER (0.89MM)	1	
22	VFK1179	HEX DRIVER (0.71MM)	1	
23	VFK1190	HEX WRENCH (1.5MM)	1	
24	VFK1209	TORQUE DRIVER (0.4-3KG)	1	
25	VFK1300	A/D BOARD(DAQ-12,QUATECH)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
26	VFM3580K	ALIGNMENT TAPE (NO.1)	1	FOR NTSC
27	VFM3581K	ALIGNMENT TAPE (NO.2)	1	FOR NTSC
28	VFM3582K	ALIGNMENT TAPE (NO.3)	1	FOR NTSC
29	VFM3680K	ALIGNMENT TAPE (NO.1)	1	FOR PAL
30	VFM3681K	ALIGNMENT TAPE (NO.2)	1	FOR PAL
31	VFM3682K	ALIGNMENT TAPE (NO.3)	1	FOR PAL
32	VFK1423	TAPE SENSOR CASSETTE M	1	
33	VFK1375	POST AXIS DRIVER (1.5MM)	1	
34	VFK1194	EXTENSION BOARD	1	
36	VFK1158A	B.E.R. COUNTER TOOL	1	
37	VFK1185	B.E.R. COUNTER CABLE	1	
40	VFK1180	EVR SUB I/F UNIT	1	
41	VFK1187	EVR CABLE	1	
42	VFK1210	MULTI CANON CABLE	1	
43	VFK0369	TWEEZERS	1	
44	VFK0371	RADIO PRIER	1	
45	VFK0372	CUTTER PRIER	1	
46	VFK0338	TRIMMER ADJUSTMENT DRIVER	1	
47	VFK0337	PHILIPS DRIVER	1	
48	VFK0906	OIL	1	
	VFK1481	TAPE INTERCHANGBILITY ADJ	1	
	VFK1369	TAPE BEG/END DET CASSETTE	1	
	VFK1339	EVR SOFTWARE	1	FOR NTSC
	VFK1340	EVR SOFTWARE	1	FOR PAL

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MECHANICAL CHASSIS ASSEMBLY(1)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠ 1	VEM0686	S REEL MOTOR A ASS'Y	1	(M)
⚠ 2	VEM0687	T REEL MOTOR A ASS'Y	1	(M)
3	VMS5923	REEL OUTER RAIL	2	
4	VMS5924	REEL INNER RAIL	2	
5	VXL2589	S BASE DRIVE ARM ASS'Y	1	
6	VMB2944	CHARGE SPRING	2	
7	VXL2590	T BASE DRIVE ARM ASS'Y	1	
8	VXA5625	SLIDE ROD ASS'Y	1	
9	VXL2597	M STOPPER DRIVE ARM ASS'Y	1	
9-1	VMB2955	M STOPPER SPRING (1)	1	
9-2	VMB3017	M STOPPER SPRING (2)	1	
10	VXA6174	L-M BRAKE RELEASE ASS'Y	1	
11	VXZ0439	S BRAKE ARM ASS'Y	1	
12	VXZ0440	T BRAKE ARM ASS'Y	1	
31	VMX1061	WASHER	7	
32	VMX1079	CUT WASHER	2	
33	VMX1394	CUT WASHER	2	
34	XQN2+CF3	SCREW	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks

Components identified with the mark ⚠ have the special characteristics for safety.
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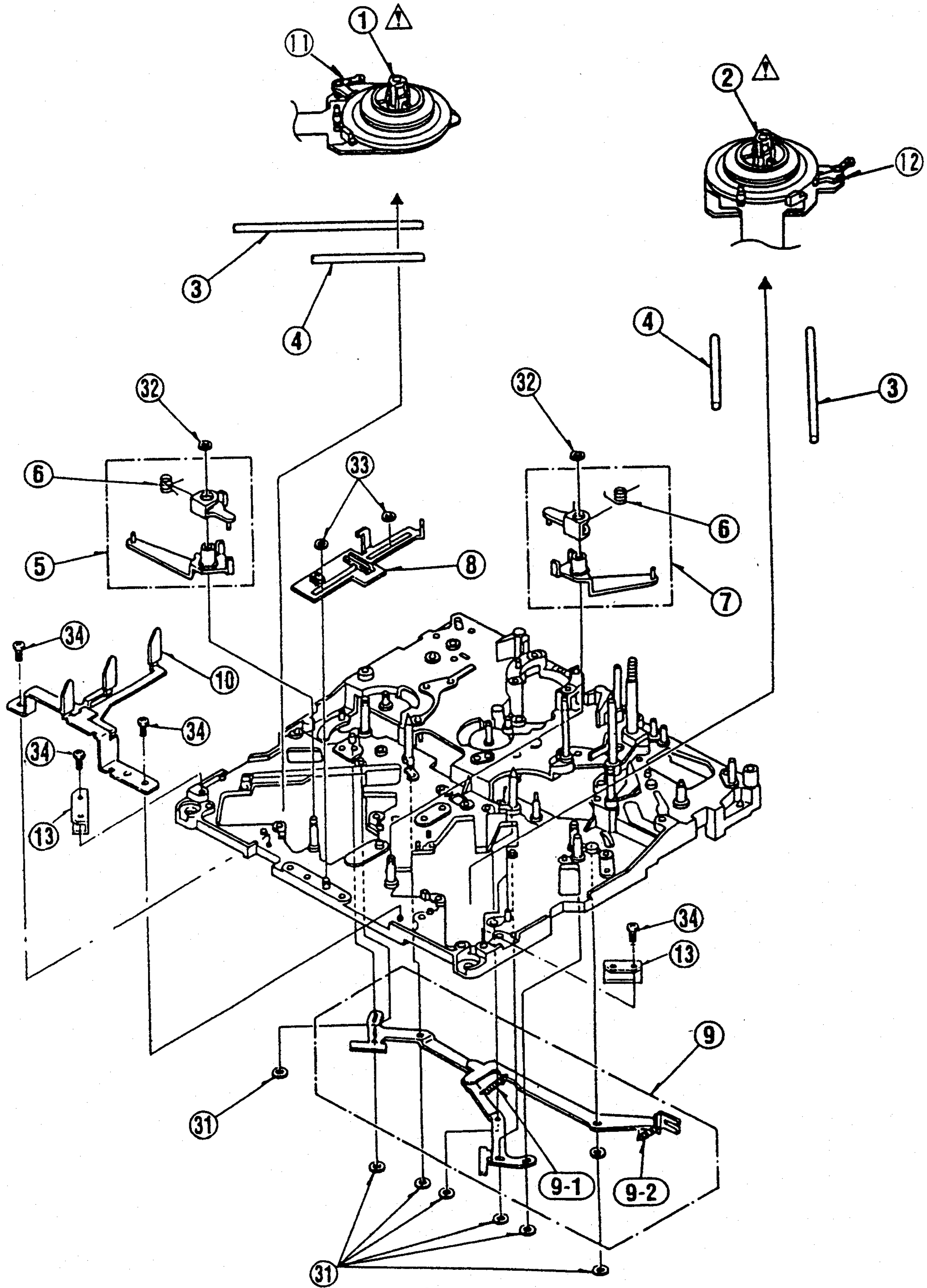
ECHANICAL CHASSIS ASSEMBLY(1)



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MECHANICAL CHASSIS ASSEMBLY(2)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA5554	A/C HEAD BASE (1) ASS'Y	1	
2	VED0419	A/C HEAD	1	(M)
3	VXA6067	A/C HEAD BASE (2) ASS'Y	1	
4	VMB2935	A/C HEAD HIGHT SPRING	1	
⚠ 5	VEG1501	SYLINDER UNIT	1	
6	VXA5715	EMARGENCY SHIFT HOLDER ASS'Y	1	
⚠ 7	VEM0645	LOADING MOTOR (1)A ASS'Y	1	(M)
8	VSJ0227	PINCH SOLENOID	1	(M)
9	VXA5584	MOTOR ANGLE ASS'Y	1	
10	VES0918	MODE SW ASS'Y	1	(M)
11	VMA0A35	PINCH SOLENOID BASE	1	
12	VXL2924	CLNEANING ARM ASS'Y	1	
12-1	VMX2150	CLEANER ROLLER HOLDER	1	
12-2	VXP1963	CLEANER ROLLER ASS'Y	1	
12-3	VMB3114	CLEANER ROLLER SPRING	1	
13	VXL2870	T2 ARM ASS'Y	1	
13-1	VMB3304	T2 ARM SPRING	1	
14	VXL2832	TENSION ARM A ASS'Y	1	(M)
14-1	VXP1761	TENSION ROLLER	1	
14-2	VMB3220	TENSION LEG SPRING	1	
14-3	VXA6173	MAGNET HOLDER ASS'Y	1	
15	VXA5791	TENSION LEG SPRING HOOK ASS'	1	
16	VXL2812	S1 LOADING ARM ASS'Y	1	(M)
17	VMD3731	LOADING RAIL	1	
18	VXA6379	T1 BOAT ASS'Y	1	(M)
19	VHD0561	HEX SCREW	1	
20	VXA6052	S POST BASE A ASS'Y	1	(M)
21	VXP1683	T4 CONNECTION GEAR ASS'Y	1	
22	VXL2772	T4 ARM ASS'Y	1	
23	VMB2950	T4 THRUST SPRING	1	
24	VXL2953	T LOADING ARM ASS'Y	1	
25	VMS5906	T3 UPPER FRANGE	1	
26	VMS5905	T3 SLEEVE	1	
27	VMS5904	T3 LOWER FRANGE	1	
28	VMB2929	T3 SPRING	1	
29	VMB2933	PINCH RELEASE SPRING	1	
30	VEK7927	INSULLATION SENSOR	1	
31	VEK7691	LED HOLDER P.C.BOARD	1	
32	VMA9411	PINCH SOLENOID ANGLE	1	
33	VXA5820	TENSION SENSOR ASS'Y	1	
34	VXL2835	PINCH ARM ASS'Y	1	(M)
35	VXL2588	PINCH GUIDE ARM ASS'Y	1	
36	VXA5570	T SECTOR GEAR ASS'Y	1	
37	VXL2838	TENSION LEG. GUIDE ARM	1	
38	VXA5567	S SECTOR GEAR ASS'Y	1	
39	VXA5564	T4 SECTOR GEAR ASS'Y	1	
40	VXA6348KIT	MAIN ROD ASS'Y	1	
41	VXA5627	THRUST SHAFT HOLDER ASS'Y	1	
42	VDG1166	MOTOR WARM GEAR	1	
43	VDG1268	MOTOR EMARGENCY GEAR A(A)	1	
44	VDG1267	MOTOR EMARGENCY GEAR B(A)	1	
45	VXL2889	MAIN CAM ARM ASS'Y	1	
46	VDG1168	MAIN CAM GEAR	1	(M)
47	VMB2937	A/C HEAD ADJUST SPRING	1	
48	VXL2600	EJECT ARM ASS'Y	1	
49	VMD3475	T1 GUIDE ASS'Y	1	
50	VMB2934	SPRING	1	
51	VMB3051	CLEANER RETURN SPRING	1	
52	VXA6077	CLEANER BASE 1 ASS'Y	1	
53	VXA6078	CLEANER SOLENOID ASS'Y	1	
53-1	VSJ0226	CLEANER SOLENOID	1	(M)
53-2	VMA9877	CLEANER SOLENOID BASE	1	
54	VMM0429	CLEANER INTERLOCK	1	
55	VXQ0556	THRUST SCREW ASS'Y	1	(M)
56	VMT0871	SILENCER A	1	
57	VMT0872	SILENCER B	1	
61	VHD0356	SCREW	1	
62	XQN2+A3	SCREW	1	
64	XQN2+A35FZ	SCREW	3	
65	XQN2+AM2	SCREW	3	
66	XQN2+AM4	SCREW	1	
67	XQN2+CF3	SCREW	12	
68	XQN2+CF4	SCREW	3	
69	XUC12FP	E-RING	2	
70	XVE2B4FZ	HEX SCREW	3	
71	XVE2B6FP	HEX SCREW	1	
72	XVE2B12FP	HEX SCREW	1	
73	VXQ0439	SCREW	3	
74	VMX0967	CUT WASHER	3	
75	VMX1061	WASHER	3	
76	VMX1079	CUT WASHER	1	
77	XWA2B	WASHER	4	
78	XWE2	WASHER	2	
79	XWE16VW	WASHER	1	
80	XXE2A6FP	HEX SCREW	1	
81	XWG2	WASHER	3	
82	XWGV15Z32G	WASHER	2	
83	VHD0045	NYLON NUT	1	
84	VHN0312	NUT	2	
85	XQN2+A03.5FZ	SCREW	1	
86	XQN2+AJ5	SCREW	1	
87	XQN2+A1.5	SCREW	4	
88	XQN2+A4	SCREW	1	
89	VMX1394	CUT WASHER	1	
*	VXY1521Z1	MECHANISM	1	

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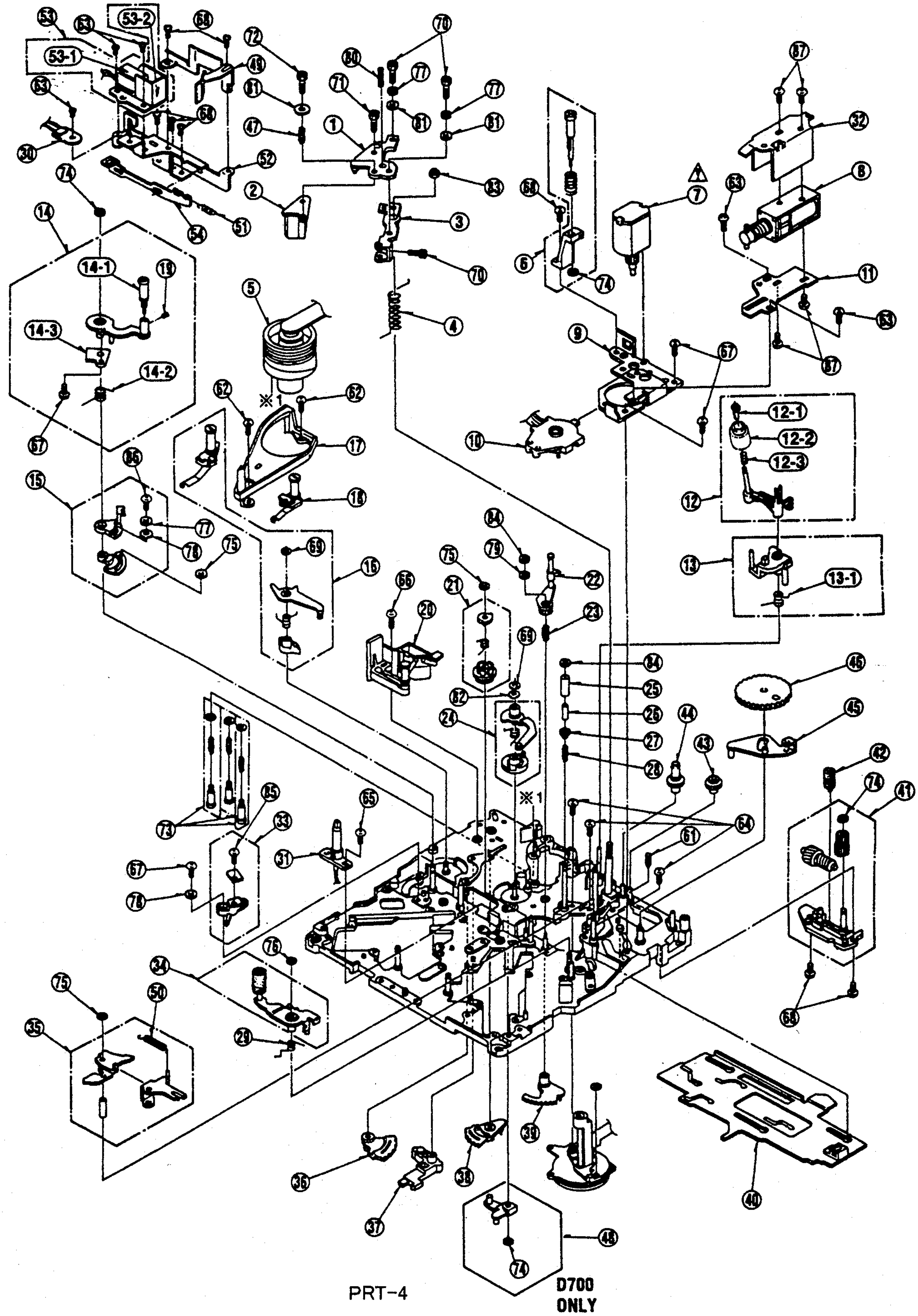
MECHANICAL CHASSIS ASSEMBLY(2)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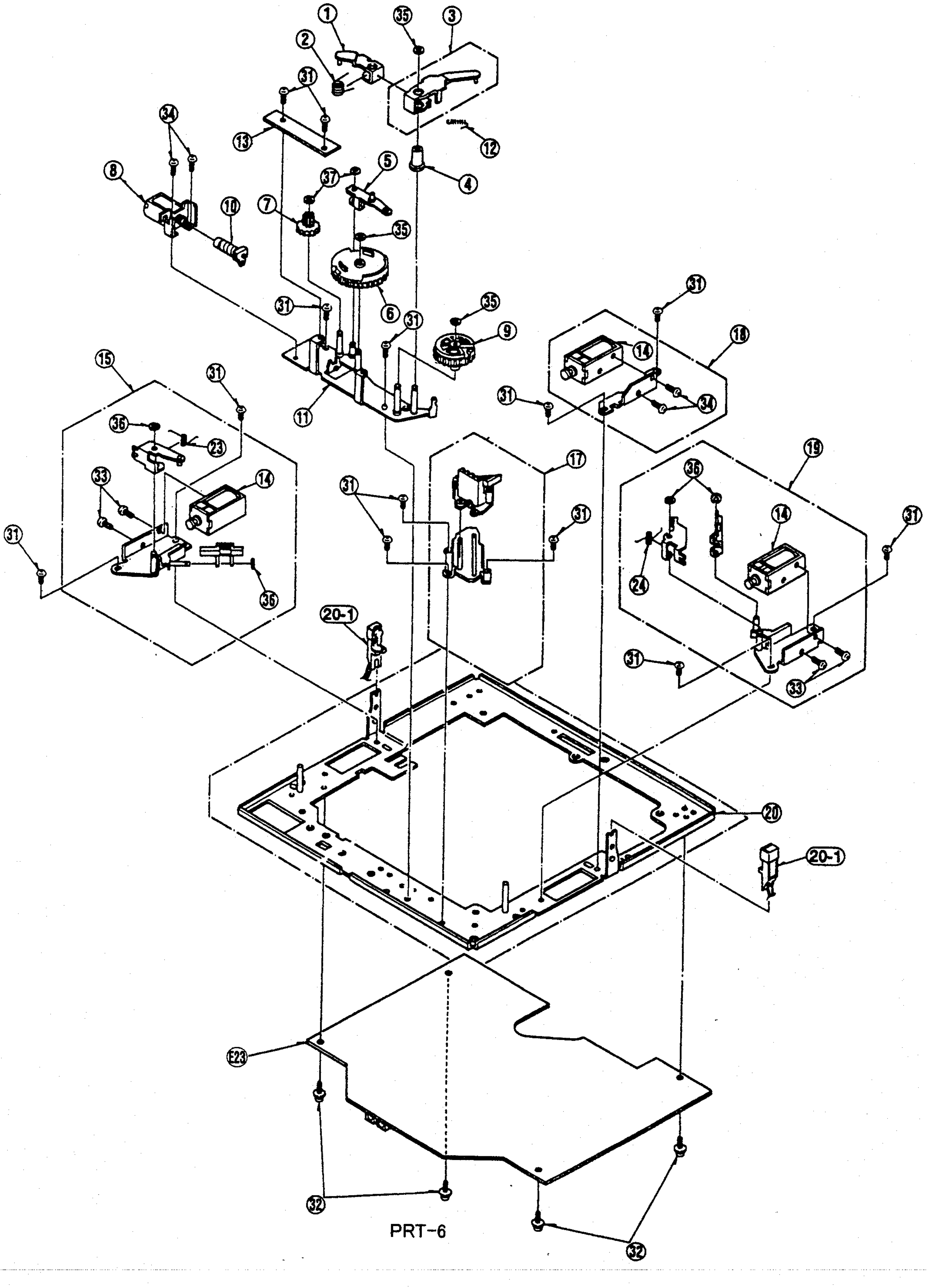
SUB CHASSIS ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXL2656	MIC DRIVE ARM (A) ASS'Y	1	
2	VMB3018	MIC DRIVE SPRING	1	
3	VXL2657	MIC DRIVE ARM (B) ASS'Y	1	
4	VDB1429	MIC DRIVE ARM BOSS	1	
5	VXL2613	REEL DRIVE ARM ASS'Y	1	
6	VDG1192	REEL DRIVE CAM GEAR	1	
7	VDG1193	REEL DRIVE WORM WHEEL	1	
8	VEM0585	REEL DRIVE MOTOR ASS'Y	1	(M)
9	VDG1211	MIC GENEVA GEAR	1	
10	VXP1698	REEL DRIVE WORM ASS'Y	1	
11	VXA5628	MOTOR BASE ASS'Y	1	
12	VMB3019	MIC DRIVE RETURN SPRING	1	
13	VEK7726	REEL SENSOR P.C.BOARD	1	
14	VSJ0216	BRAKE SOLENOID	3	(M)
15	VXA5575	S-BRAKE SOLENOID BASE ASS'Y	1	
17	VXA6199	DISTINCTION SW ASS'Y	1	(M)
18	VXA5579	M STOPPER SOLENOID ASS'Y	1	
19	VXA5887	T-BRAKE SOLENOID BASE ASS'Y	1	
20	VXK1336	SUB CHASSIS	1	
21	VEK7692	SENSOR HOLDER ASS'Y	1	
22	VMS6193	T BRAKE RELEASE ARM SHAFT	1	
23	VMB2957	S BRAKE SPRING	1	
24	VMB2987	T BRAKE SPRING	1	
31	XQN2+CF3	SCREW	13	
32	XYN26+K6	SCREW	4	
33	XQN2+A1.5	SCREW	2	
34	XQN2+A2	SCREW	2	
35	VMX1079	CUT WASHER	5	
36	VMX0967	CUT WASHER	4	
37	VMX1548	CUT WASHER	2	
38	XQN2+A1.5	SCREW	4	
E23	VEP82218B	SERVO P.C.BOARD	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

SUB CHASSIS ASSEMBLY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CHASSIS FRAME ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
⚠ 1	VEK8918	POWER ASS'Y	1	
1-1	VSC4997	POWER CASE (B)	1	
1-2	VSC4858	POWER CASE (D)	1	
1-3	VSC4996	POWER CASE (C)	1	
⚠ 1-4	VSC4986	POWER CASE (A)	1	
⚠ 1-5	VMZ2879	SHIELD SHEET (B)	1	
⚠ 1-6	VMZ2878	SHIELD SHEET (A)	1	
1-7	VMZ2880	SHIELD SHEET (C)	1	
1-8	VJF0469	CLAMPER	1	
1-9	VEE0E65	DC OUT CABLE	1	
1-10	VJP1885	CONNECTOR (MALE)	1	
1-11	VJF0285	WIRE LOCKING SADDLE	1	
⚠ 1-12	VJF1005	FUSE HOLDER	1	
1-13	VRF0216	FAN MOTOR	1	
⚠ 1-14	VJP0083	AC INLET	1	
1-16	VGF0798	DUST PROOF SHEET (B)	1	
1-17	VGF0799	DUST PROOF SHEET (C)	1	
1-18	VGF0800	DUST PROOF SHEET (D)	1	
1-19	VMT1015	DUST PROOF CUSHION (B)	1	
1-20	VMT1014	DUST PROOF CUSHION (A)	1	
⚠ 1-21	VMZ1252	AC INLET COVER	1	
⚠ 1-22	VMZ2139	FUSE HOLDER COVER	1	
1-23	VEE0F62	AC GND	1	
⚠ 1-24	XBA2C25TH15	FUSE	1	
3	VYH0271	HANDLE ASS'Y	1	
3-1	VGM1569	HANDLE COVER	1	
3-2	VMX2958	HANDLE SPACER	2	
3-3	VMP5938	HANDLE ANGLE	2	
3-4	VKH0388	HANDLE	1	
3-5	VGF0761	DUST PROOF SHEET (A)	1	
3-6	VMT0999	DUST PROOF CUSHION (L)	1	
4	VMP5866	BACK FRAME	1	
5	VMP5865	CENTER FRAME	1	
6	VMP5878	SIDE FRAME (R)	1	
7	VGF0775	EDGE GUARD SHEET	1	
8	VKC0554	SPACER	2	
9	VGF0784	DUST PROOF SHEET (E)	1	
10	VG05168	P.C.BOARD GUARD RAIL	2	
11	VMP5902	RAIL ANGLE	1	
12	VGQ1016	GUIDE RAIL	3	
13	VMP5906	P.C.BOARD HOLDER ANGLE	1	
14	VMP5905	P.C.BOARD ANGLE	1	
15	VJF0004	WIRE SADDLE	2	
16	VKA0117	PLASTIC FOOT	4	
17	VMP5875	FRONT FRAME	1	
18	VMT0965	DUST PROOF CUSHION (A)	1	
19	VGF0762	DUST PROOF SHEET (B)	1	
20	VGF0789	DUST PROOF BARRIER (D)	1	
21	VGF0787	DUST PROOF BARRIER (B)	1	
22	VMT0998	DUST PROOF CUSHION (K)	1	
23	VMT0997	DUST PROOF CUSHION (J)	1	
24	VMT0996	DUST PROOF CUSHION (I)	1	
25	VMT0977	DUST PROOF CUSHION (G)	1	
26	VMT1001	DUST PROOF CUSHION (N)	1	
27	VMT1002	DUST PROOF CUSHION (O)	1	
28	VMT0976	DUST PROOF CUSHION (F)	1	
29	VMT1000	DUST PROOF CUSHION (M)	1	
30	VGF0783	DUST PROOF SHEET (D)	1	
31	VMP5867	BOTTOM FRAME	1	
32	VML2903	AC CORD HOOK	1	
33	VEE0E66	POWER 3 PW CABLE	1	
34	VKC0554	SPACER	2	
35	VMT0936	GASKET	2	
36	VMT0822	GASKET (T)	2	
37	VMT0906	GASKET	4	
38	VGF0808	COVER SHEET	1	
100	XTV3+6F	SCREW	17	
101	XYE3+EF6FR	SCREW	17	
102	XTV3+10F	SCREW	4	
103	XTV3+6FFZ	SCREW	2	
104	XTV3+6FFR	SCREW	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
105	XTV3+8F	SCREW	12	
106	XSN3+16FZ	SCREW	2	
107	XSN26+6FC	SCREW	2	
108	XYE4+EF8	SCREW	1	
109	XSS4+14FZ	SCREW	2	
E1	VEP80A87A	MOTHER P.C.BOARD	1	
E2	VEP83426D	VIDEO P.C.BOARD	1	
E3	VEP83427B	REC PB P.C.BOARD	1	
E4	VEP84319C	AUDIO P.C.BOARD	1	
E5	VEP83428C	VIDEO IN P.C.BOARD	1	
E6	VEP83429B	V OUT P.C.BOARD	1	
E7	VEP84320C	AV I/O P.C.BOARD	1	
E8	VEP85172B	RF P.C.BOARD	1	
E9	VEP86274C	AV SYSCON P.C.BOARD	1	
E10	VEP80A88A	POWER CONNECT P.C.BOARD	1	
E11	VEP81203A	POWER 1 P.C.BOARD	1	
E12	VEP81187D	POWER 2 P.C.BOARD	1	
E13	VEP81188A	POWER 3 P.C.BOARD	1	

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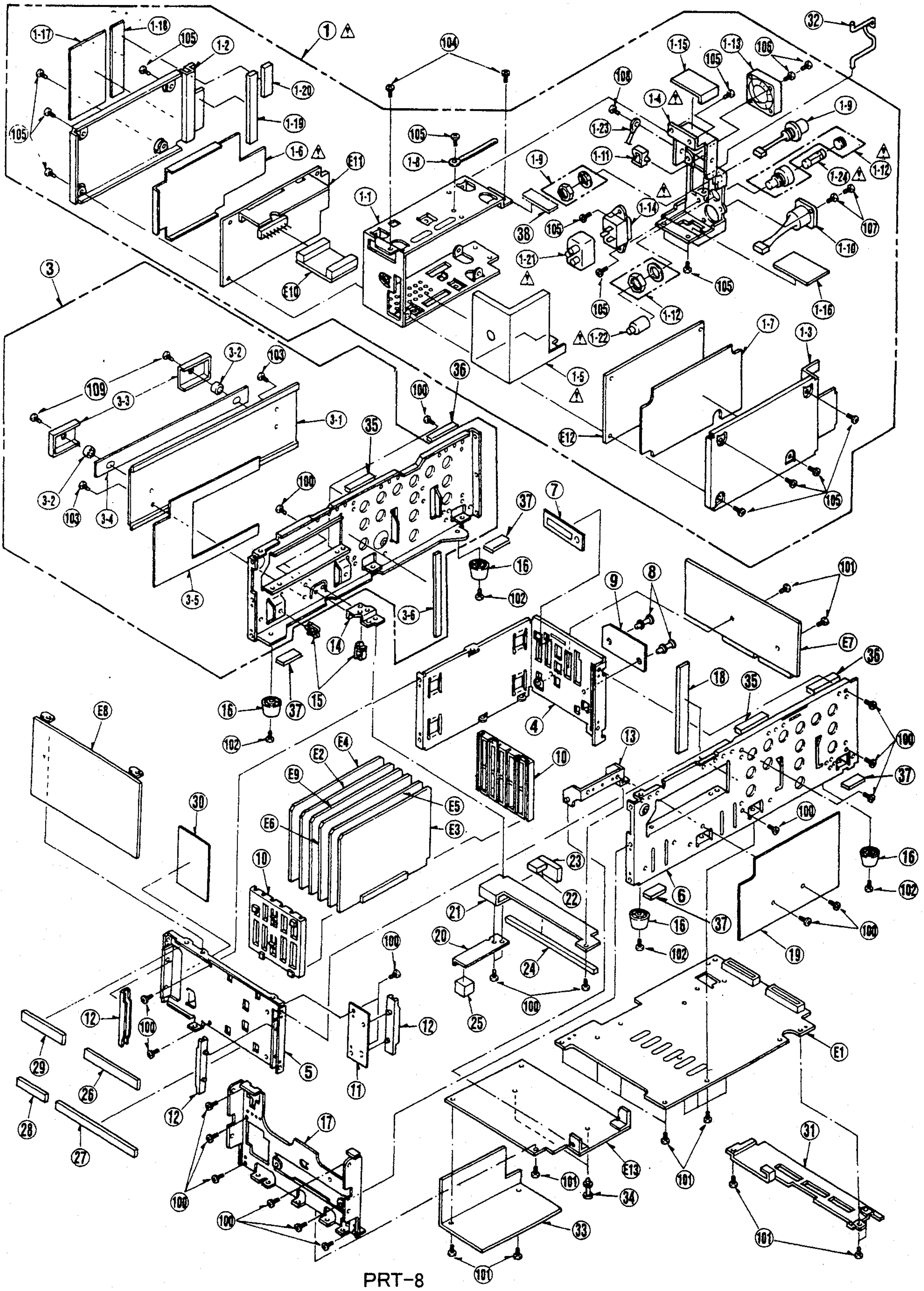
CHASSIS FRAME ASSEMBLY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CASING PARTS ASSEEMBLY

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	VYM0186	TOP PANEL ASS'Y	1	
1-1	VHD0274	SCREW	2	
1-2	VMP5903	TOPPANEL ANGLE	1	
1-3	VMX2510	SPACER	2	
1-4	VMT0965	FILTER CUSHION (A)	1	
1-5	VMT0975	FILTER CUSHION (E)	1	
1-6	VMZ2325	TOP PANEL BARRIER	1	
2	VXA6278	CHASSIS ANGLE	1	
3	VXA6618	P.C.BOARD ANGLE (A) ASS'Y	1	
3-1	VMP5882	P.C.BOARD ANGLE (B) ASS'Y	1	
3-2	VMX2820	P.C.BOARD GUM (A)	1	
3-3	VMX2830	P.C.BOARD GUM (B)	1	
3-4	VMX2896	P.C.BOARD GUM (C)	1	
3-5	VMT0847	GASKET	1	
4	VJH1127	JACK PANEL	1	
6	VMP5910	BLANK PANEL	1	
7	VGF0805	SHUTTER (E)	1	
8	VRF0216	FAN MOTOR	1	
9	VWJ22SW280L0	AV REMOTE FFC	1	
10	VWJ1274	REAR JACK FFC	1	
11	VWJ1273	AUDIO JACK FFC	1	
14	VMZ2909	SHEET (B)	2	
15	VGF0786	DUST BARRIER (A)	1	
16	VGF0790	DUST BARRIER (E)	1	
17	VMT0978	DUST PROOF CUSHION (H)	1	
18	VYP7670	FRONT PANEL (1) ASS'Y	2	
18-1	VGU3894	BUTTON	3	
18-2	VMB2597	BUTTON SPRING	3	
18-3	VGQ3176	PUSH BUTTON	3	
20	VXU0768	VR KNOB ASS'Y	2	
21	VMP5873	VR ANGLE	1	
22	VGF0687	SLIDE SW SHEET	3	
23	VGU5582	SWITCH KNOB	3	
24	VGU5605	KNOB	1	
25	VMP5908	OP P.C.BOARD ANGLE	1	
26	VGU8134	TOGGLE SW KNOB	1	
27	VGK2475	TOGGLE SW SHEET	1	
29	VMP5909	TOP PANEL ANGLE	1	
30	VKF2906	BLINDER PANEL	1	
31	VMB2923	BLINDER SPRING	1	
32	VYQ1401	CASSETTE GUIDE ASS'Y	1	
33	VGF0706	FLEXIBLE CABLE BARRIER	1	
34	VMZ2905	FRONT P.C.BOARD BARRIER	1	
35	VWJ24AW210M0	FRONT (1) FFC	1	
37	VYF2665	BOTTOM PANEL ASS'Y	1	
37-1	VMG1197	FOOT	2	
37-2	VMT0976	DUST PROOF CUSHION (F)	2	
37-3	VMT1003	DUST PROOF CUSHION (P)	1	
37-4	VMT0965	DUST PROOF CUSHION (B)	2	
37-5	VMT0967	DUST PROOF CUSHION (C)	1	
37-6	VMT0968	DUST PROOF CUSHION (D)	2	
37-7	VGF0834	DUST SHEET	1	
38	VGF0763	DUST SHEET (C)	1	
⚠ 40	VES0921	POWER SW ASS'Y	1	
41	VGU8051	POWER BUTTON	1	
42	VWJ1276	KEY FFC	1	
43	VMT0904	GASKET	1	
45	VSC4984	GND PLATE	2	
46	VMT0798	GASKET D	1	
47	VMX2930	SPACER	1	
48	VSC4985	GND PLATE	1	
49	VMT0517	CONDUCTIVE GASKET	8	
100	XQN26+A25FC	SCREW	3	
101	XTV3+6F	SCREW	14	
102	XTV3+6FFR	SCREW	6	
103	XTV3+6FFZ	SCREW	8	
104	XSN26+6FZ	SCREW	8	
105	XYE4+EF8	SCREW	1	
106	XTN3+10JFZ	SCREW	9	
107	XYN3+F6FRS	SCREW	4	
108	XTV3+8G	SCREW	8	
109	XYE3+EJ10FR	SCREW	5	
110	XTN4+10G	SCREW	1	
111	XSB4+4FCW	SCREW	4	
112	XTV3+8FFZ	SCREW	10	
113	XNG3BS	NUT	2	
114	XUC3F	E-RING	2	
115	XSN3+16FZ	SCREW	2	
E14	VEP86278A	REMOTE P.C.BOARD	1	
E15	VEP84321C	REAR JACK P.C.BOARD	1	
E16	VEP84322C	AUDIO JACK P.C.BOARD	1	
E19	VEP86276B	PB VR P.C.BOARD	1	

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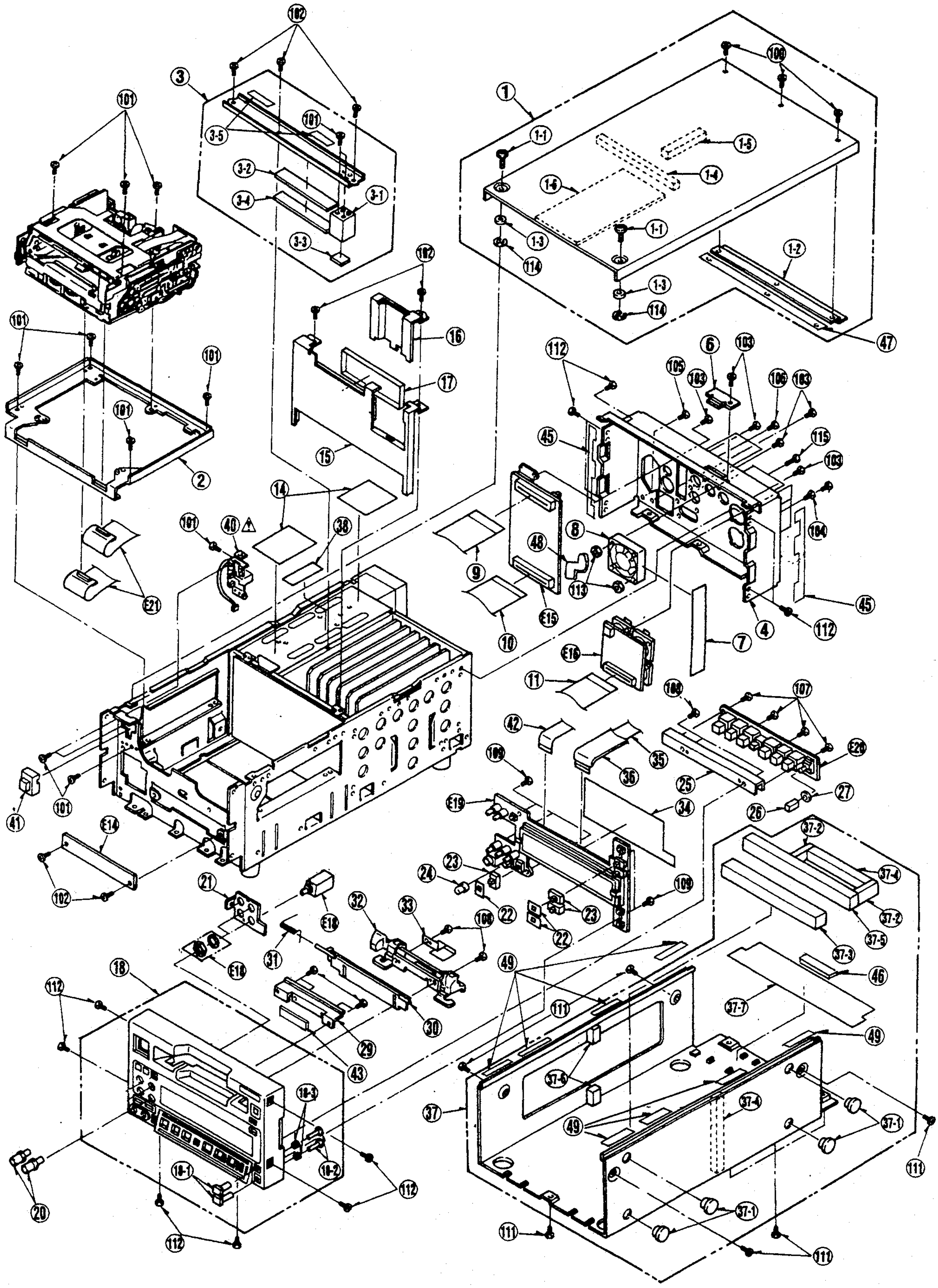
CASING PARTS ASSEEMBLY



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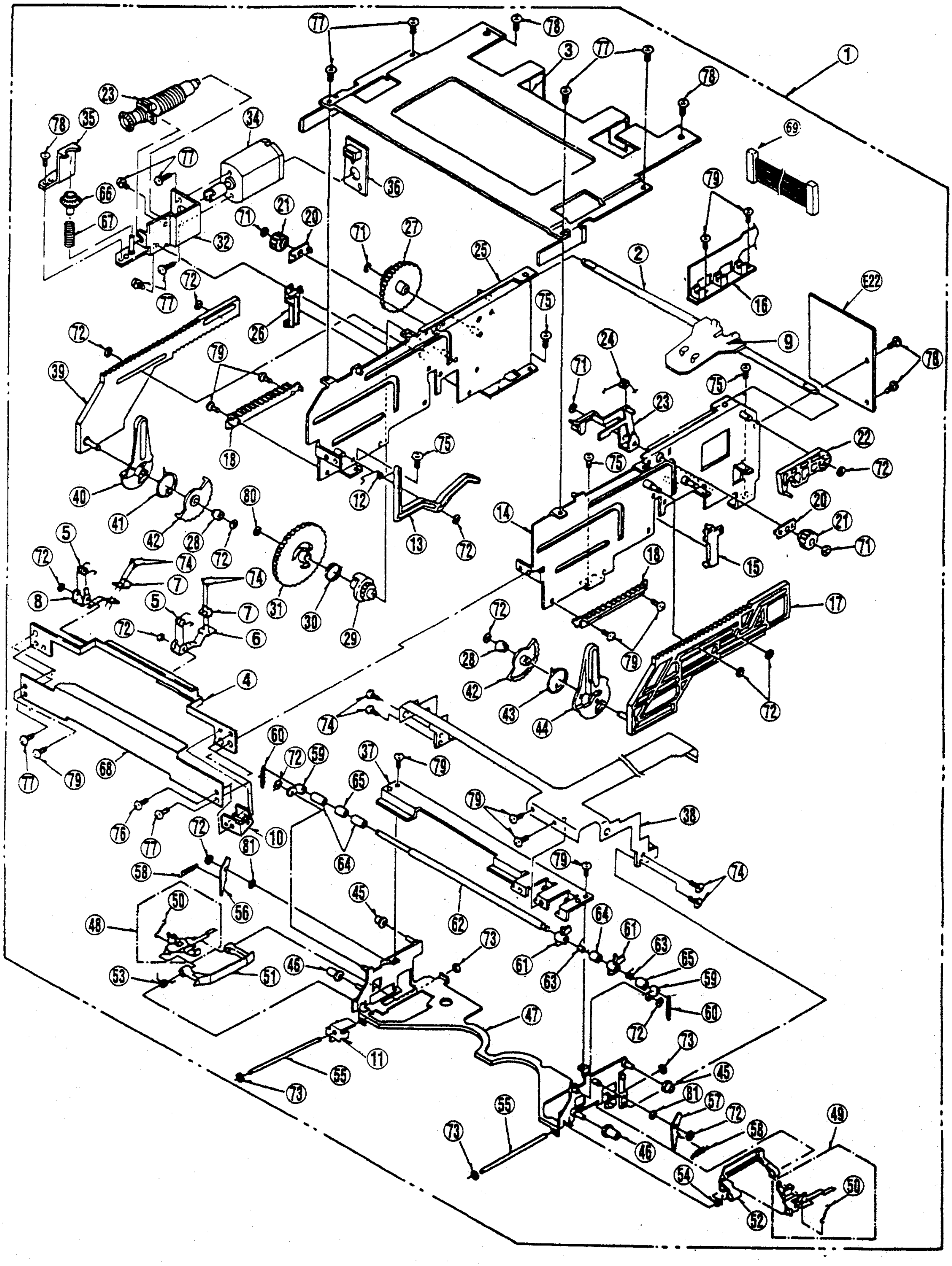
CASSETTE COMPARTMENT ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA6593	CASSETTE COMPARTMENT	1	
2	VMS5865	MAIN SHAFT	1	
3	VMA9849	TOP PLATE	1	
4	VXA6572	FRONT GUIDE 1 ASS'Y	1	
5	VMB3075	M GUIDE SPRING	2	
6	VML3191	M GUIDE RIGHT LEVER	1	
7	VML3192	M FRONT GUIDE	2	
8	VML3190	M GUIDE LEFT LEVER	1	
9	VML3397	CASSETTE PROTECT PLATE	1	
10	VXA6573	SHIELD PLATE ASS'Y	1	
11	VMA0D54	SHIELD PLATE GUIDE	1	
12	VMB2926	SPRING	1	
13	VML2A50	BLINDER PANEL OPENER	1	
14	VXA6074	R SIDE PLATE 1 ASS'Y	1	
15	VML3282	SUB RAIL (R)	1	
16	VEK7695	SIDE FLEXIBLE	1	
17	VXA5766	MAIN RACK R ASS'Y	1	
18	VDG1156	WIPER RACK	2	
20	VDB1395	MAIN SHAFT ANGLE	2	
21	VDG1412	INTERLOCK GEAR	2	
22	VML3193	OPENER DRIVE ARM	1	
23	VXL2692	OPENER ANGLE ASS'Y	1	
24	VMB2979	SPRING	1	
25	VXA6072	SIDE PLATE L 1 ASS'Y	1	
26	VML3281	SUB RAIL (L)	1	
27	VDG1413	INTERAMEDIATE GEAR	1	
28	VDP1643	WIPER ROLLER	2	
29	VDG1414	CLUTCH GEAR	1	
30	VMB2980	CLUTCH SPRING	1	
31	VDG1236	WORM WHEEL	1	
32	VXA5848	MOTOR ANGLE (A) ASS'Y	1	
33	VXP1797	E.E SLOT IN WORM ASS'Y	1	
34	VXA5597	MOTOR ASS'Y	1	(M)
35	VMA9673	EMARGENCY ANGLE	1	
36	VEK7793	MOTOR P.C.BOARD	1	
37	VMA9668	HOLDER PLATE	1	
38	VEK7715	HOLDER FLEXIBLE ASS'Y	1	
39	VXA6075	MAIN RACK (L) ASS'Y	1	
40	VML3485	WIPER ARM (R)	1	
41	VMB3390	WIPER SPRING (L)	1	
42	VDG1163	WIPER GEAR	2	
43	VMB3391	WIPER ARM (L)	1	
44	VML2484	WIPER ARM R	1	
45	VDP1642	CASSETTE GUIDE ROLLER (2)	2	
46	VDP1641	CASSETTE GUIDE ROLLER (1)	2	
47	VXA5757	CASSETTE HOLDER 1 ASS'Y	1	
48	VXA5758	ROD L	1	
49	VXA5759	ROD R	1	
50	VMB3064	SLIDE SPRING	2	
51	VML3249	SIDE GUIDE L	1	
52	VML3250	SIDE GUIDE R	1	
53	VMB3061	SLIDE GUIDE SPRING L	1	
54	VMB3062	SLIDE GUIDE SPRING R	1	
55	VMS6108	KICK OFF ROD SHAFT	2	
56	VML2A54	KICK OFF ARM L	1	
57	VML2A55	KICK OFF ARM R	1	
58	VMB2928	KICK OFF SPRING	2	
59	VML2A53	CASSETTE HOLDER ARM	2	
60	VMB2927	CASSETTE HOLDER SPRING	2	
61	VMX2833	M-L DETECT ROLLER	2	
62	VMS5882	CASSETTE HOLDER SHAFT	1	
63	VMB3253	M-L DETECT SPRING	2	
64	VMX2559	CASSETTE PRESSURE ROLLER(2)	3	
65	VMX2524	CASSETTE PRESSURE ROLLER(1)	1	
66	VDG1246	EMARGENCY GEAR	1	
67	VMB3109	EMARGENCY SPRING	1	
68	VMZ2661	FRONT GUIDE COVER	1	
69	VEE9577	CABLE	2	
71	VMX0653	CUT WASHER	4	
72	VMX0967	CUT WASHER	14	
73	VMX1061	WASHER	4	
74	XQN16+A2	SCREW	8	
75	XQN2+CF3	SCREW	4	
76	XQN2+A2	SCREW	2	
77,78	VHD1323	SCREW	6	
79	LMHD16064	SCREW	10	
80	XWGV2Y4G	WASHER	2	
81	XWGV2Z5G	WASHER	2	
E22	VEP80856A	CARRIGE P.C.BOARD	1	

CASSETTE COMPARTMENT ASSEMBLY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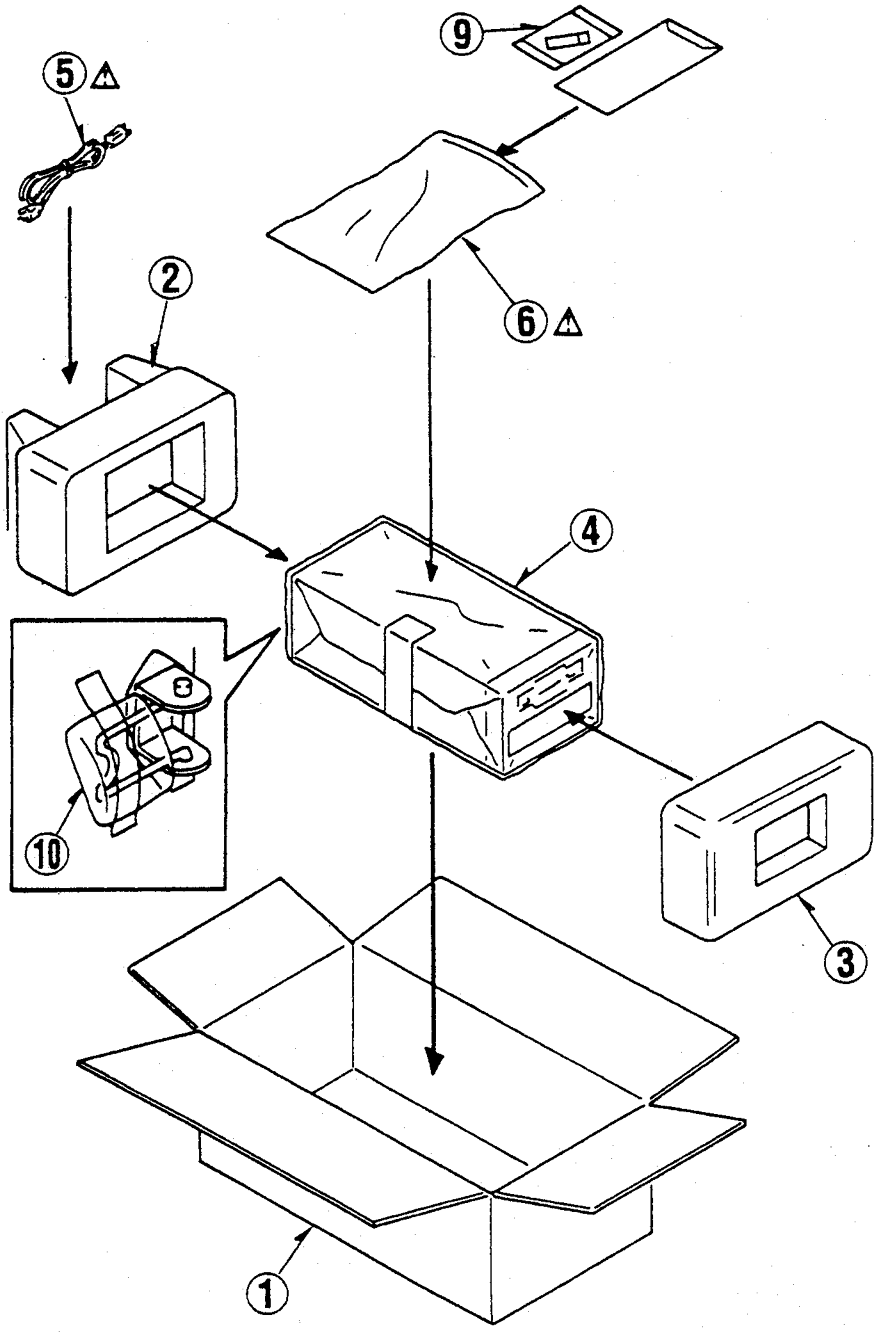
PACKING PARTS ASSEEMBLY



PACKING PARTS ASSEEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VPG0B83	PACKING CASE	1	
2	VPN5024	CUSHION (R)	1	
3	VPN5023	CUSHION (L)	1	
4	VPF0876	POLYETHYLENE BAG	1	
⚠ 5	VJA0746	POWER CODE	1	
⚠ 5	VJA0738	AC CORD	1	
⚠ 6	VQT8382	OPERATING INSTRUCTIONS	1	
9	VXF0170	EMARGENCY EJECT ASS'Y	1	
10	VPF0892	PROTECTOR BAG (2)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

ELECTRICAL REPLACEMNT PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP80A87A	MOTHER P.C.BOARD	1	(RTL)
■ E2	VEP83426D	VIDEO P.C.BOARD	1	(RTL)
■ E3	VEP83427B	REC PB P.C.BOARD	1	(RTL)
■ E4	VEP84319C	AUDIO P.C.BOARD	1	(RTL)
■ E5	VEP83428C	VIDEO IN P.C.BOARD	1	(RTL)
■ E6	VEP83429B	VIDEO OUT P.C.BOARD	1	(RTL)
■ E7	VEP84320C	AV I/O P.C.BOARD	1	(RTL)
■ E8	VEP85172B	RF P.C.BOARD	1	(RTL)
■ E9	VEP86274C	AV SYSCON P.C.BOARD	1	(RTL)
■ E10	VEP80A88A	POWER CONNECT P.C.BOARD	1	(RTL)
■ E11	VEP81203A	POWER 1 P.C.BOARD	1	(RTL)
■	VEP81189A	SUB POWER 1 P.C.BOARD	1	(RTL)FOR VEP81203A
■ E12	VEP81187D	POWER 2 P.C.BOARD	1	(RTL)
■ E13	VEP81188A	POWER 3 P.C.BOARD	1	(RTL)
■ E14	VEP86278A	REMOTE P.C.BOARD	1	(RTL)
■ E15	VEP84321C	REAR JACK P.C.BOARD	1	(RTL)
■ E16	VEP84322C	AUDIO JACK P.C.BOARD	1	(RTL)
■ E18	VEP86283A	REC VR P.C.BOARD	1	(RTL)
■ E19	VEP86276B	PB VR P.C.BOARD	1	(RTL)
■ E20	VEP86281B	FRONT P.C.BOARD	1	(RTL)
■ E21	VEP00Y68A	FFC P.C.BOARD	1	(RTL)
■ E22	VEP80856A	CARRIGE P.C.BOARD	1	(RTL)
■ E23	VEP82218B	SERVO P.C.BOARD	1	(RTL)
■	VEP80A89D	SV UCOM 1 P.C.BOARD	1	(RTL)FOR VEP82218B
■	VEP80A89E	SV UCOM 2 P.C.BOARD	1	(RTL)FOR VEP82218B

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP80A87A	MOTHER P.C.BOARD	1	(RTL)
P102	VJS4232A030	CONNECTOR (FEMALE)	1	
P103-06	VJP4168A008	CONNECTOR (MALE)	4	
P107	VJP3926A012	CONNECTOR (MALE)	1	
P108	VJP3926A018	CONNECTOR (MALE)	1	
P201-06	VJS4064N160	CONNECTOR	6	
P207	VJS2899A096	CONNECTOR (FEMALE)	1	
P208	VJS4064K140	CONNECTOR (FEMALE)	1	
P301,02	VJS3600F030	CONNECTOR (FEMALE)	2	
P401,02	VJP3949C070H	CONNECTOR (MALE)	2	
P406	VJS3537B024G	CONNECTOR (FEMALE)	1	
		MISCELLANEOUS		
	VJF1310	CONNECTOR HOLDER	2	
	VKC0295	P.C.BOARD SPACER	2	
■ E2	VEP83426D	VIDEO P.C.BOARD	1	(RTL)
C3802-04	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	3	
C3806,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3808	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C3809-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C7001	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7002	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7003	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7004	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7005,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7007	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7008	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7009	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C7010	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7011	ECUX1C106VBP	C.CAPACITOR CH 16V 10U	1	
C7012	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7013	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7015	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7016	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C7017	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C7018,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7020	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C7022	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7023	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7024	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7025	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C7027	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C7028	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C7029	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7032-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C7035	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7036	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C7037	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C7038	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7039,40	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	2	
C7041	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C7042	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C7044,45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7046	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C7047	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7048	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C7049	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7051	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C7052,53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7101	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7102	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7103	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7104-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C7108,09	ECEV1HV010Q	E.CAPACITOR CH 50V 1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7110-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C7114	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C7115	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C7117	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7118	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C7119	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C7121	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7122	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C7123	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7124	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C7125	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7126,27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7128	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C7129	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7130	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7131	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C7132	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C7133	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7134	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7135	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C7136	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7137-39	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C7142-47	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C7148,49	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C7154	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C7155	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C7157	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C7159	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7160	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7161	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7165	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7167	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C7168,69	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7171	ECUX1H181JCV	C.CAPACITOR CH 50V 180P	1	
C7174	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7175	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C7176	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C7178,79	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C7180	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C7181	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C7301	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7302	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7303-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C7308	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C7309	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	
C7310	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7311	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	
C7312	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7313	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7314	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7315	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7317	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7318	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C7319	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7320	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7321	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7322	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7323	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C7324	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C7325	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C7326-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C7330	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C7331,32	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	2	
C7334	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7336	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7337	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C7339-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C7342,43	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	2	
C7344	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7345,46	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C7347	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C7401	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7402	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C7403	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7404	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7405	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7406-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C7410	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7411	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7412	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7413	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7414	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7415	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7416-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
D7001	MA142WK	DIODE	1	
D7102	MA142WK	DIODE	1	
D7301	MA142WK	DIODE	1	
D7302,03	MA335-R	DIODE	2	
FL3001,02	VLF0941C223	FILTER	2	
FL7001	VLF1354	FILTER	1	
FL7101,02	VLF1476	FILTER	2	
IC3803	XC62AP3002P	IC	1	
IC3804	M62370GP	IC	1	
IC7001	XC62AP5002P	IC	1	
IC7002	TC7S08FU	IC	1	
IC7003	NJM78L09UA	IC	1	
IC7004	XC62DN5002P	IC	1	
IC7005,06	LT1228CS8	IC	2	
IC7007	NJM2534V	IC	1	
IC7101	TA75W558FU	IC	1	
IC7102	BA7655AF	IC	1	
IC7103	XC62AP5002P	IC	1	
IC7104	AD826AR	IC	1	
IC7105	M51272FP	IC	1	
IC7106	AD817AR	IC	1	
IC7301	TC7S08FU	IC	1	
IC7302	TA75W558FU	IC	1	
IC7303	MM74HC221AM	IC	1	
IC7304	TC7S32FU	IC	1	
IC7305	MC14053BDT	IC	1	
IC7401	TA75W558FU	IC	1	
IC7402	MC14053BDT	IC	1	
IC7403	UPD6456T611Y	IC	1	
IC7404	NJM2534V	IC	1	
L7001,02	VLQ0319K101	COIL 100UH	2	
L7006,07	VLQ0426J680	COIL 68UH	2	
L7008	VLQ0163J151	COIL 150UH	1	
L7101,02	VLQ0319K101	COIL 100UH	2	
L7103	VLQ0426J470	COIL 47UH	1	
L7104	VLQ0426J150	COIL 15UH	1	
L7105	VLQ0426J5R6	COIL 5.6UH	1	
L7106	VLQ0426J6R8	COIL 6.8UH	1	
L7108	VLQ0426J5R6	COIL 5.6UH	1	
L7301,02	VLQ0319K101	COIL 100UH	2	
L7303	VLQ0163J181	COIL 180UH	1	
L7304	VLQ0426J470	COIL 47UH	1	
L7305	VLQ0426J560	COIL 56UH	1	
L7306,07	VLQ0426J470	COIL 47UH	2	
L7401	VLQ0426J270	COIL 27UH	1	
L7402	VLQ0426J680	COIL 68UH	1	
P3001	VJP4064Q160	CONNECTOR (MALE)	1	
Q7001	2SD1819A-R	TRANSISTOR	1	
Q7002	2SA1532-B	TRANSISTOR	1	
Q7003	2SD1819A-R	TRANSISTOR	1	
Q7004	2SA1532-B	TRANSISTOR	1	
Q7005	2SB1218A-R	TRANSISTOR	1	
Q7006	2SC3930-B	TRANSISTOR	1	
Q7008	2SA1532-B	TRANSISTOR	1	
Q7009	2SB1218A-R	TRANSISTOR	1	
Q7011	2SA1532-B	TRANSISTOR	1	
Q7012,13	2SD1819A-R	TRANSISTOR	2	
Q7014-16	2SA1532-B	TRANSISTOR	3	
Q7017	2SD1819A-R	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q7101,02	2SD1819A-R	TRANSISTOR	2	
Q7103,04	2SA1532-B	TRANSISTOR	2	
Q7105,06	2SD1819A-R	TRANSISTOR	2	
Q7112	2SB1218A-R	TRANSISTOR	1	
Q7115	2SC3930-B	TRANSISTOR	1	
Q7116	2SB1218A-R	TRANSISTOR	1	
Q7118	2SC3930-B	TRANSISTOR	1	
Q7301	2SC3930-B	TRANSISTOR	1	
Q7302	2SB1218A-R	TRANSISTOR	1	
Q7303	2SC3930-B	TRANSISTOR	1	
Q7304	2SB1218A-R	TRANSISTOR	1	
Q7305	2SD1819A-R	TRANSISTOR	1	
Q7306	2SB1218A-R	TRANSISTOR	1	
Q7307	2SC3930-B	TRANSISTOR	1	
Q7308,09	2SB1218A-R	TRANSISTOR	2	
Q7310	XN6534	TRANSISTOR-RESISTOR	1	
Q7311	2SD1819A-R	TRANSISTOR	1	
Q7312,13	2SC3930-B	TRANSISTOR	2	
Q7314	2SB1218A-R	TRANSISTOR	1	
Q7315	2SD1819A-R	TRANSISTOR	1	
Q7402	2SB1218A-R	TRANSISTOR	1	
Q7403	2SD1819A-R	TRANSISTOR	1	
Q7404	2SB1218A-R	TRANSISTOR	1	
Q7405,06	2SA1532-B	TRANSISTOR	2	
Q7407	2SD1819A-R	TRANSISTOR	1	
R3110	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3621	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3728,29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3803-05	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3807-09	ERJ3RBD101	M.RESISTOR CH 1/16W 100	3	
R7001	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7002	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7006	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7007	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7008	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7009	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7010	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7011	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7012	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7013	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7014	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7016	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7017	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7018	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7019	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7020,21	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	2	
R7023	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7026	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7027	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R7028	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7029	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7030	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7031	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R7031	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R7032	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7033	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R7034	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7035	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7036	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7037	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7038	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R7039	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7040	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R7041	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R7042	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7043,44	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R7045	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7047	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7048	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7049	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7050	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R7051	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7052	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7053,54	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7058,59	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R7060	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7061	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R7062	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7063	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7064	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7065	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7066	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7067	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7070,71	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R7072	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R7073	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7074	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7075	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7076,77	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R7078	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R7079	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R7080	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7081	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R7082	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7083	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7084	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7085	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7088,89	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R7101	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R7102	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7104	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7105	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7106	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7108	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7109	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7110	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7111	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R7112	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R7113	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7114,15	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R7116	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7117	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R7118	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R7119	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7121	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7122	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7123	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7124	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7125	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7127	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7128	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7129	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7130	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7133	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7134	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7135	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7136	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R7137	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7138	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7139	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7140	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7141	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7142	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R7143	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7144	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7145	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7146	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7147	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7148	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7149	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7150	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R7153	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R7154	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7156,57	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R7158	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7159	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7160	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7165	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7166	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7167	VRE006607103	M.RESISTOR CH 1/10W 10K	1	
R7169	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7170	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7171	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7172	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7173	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R7176	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7177	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R7178	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7179	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7181	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7187	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R7200	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R7202	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7209	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7210	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7213	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7216	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7217	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7218	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7219	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7220	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7222	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R7224	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7225	VRE006610102	M.RESISTOR CH 1/10W 1K	1	
R7226	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7227	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R7228	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7229	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7301-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7304	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7305	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7306	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R7307	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7308, 09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7310	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7311	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R7313	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7314	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R7315	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R7317	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7318	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7319, 20	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R7321	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R7322	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7323	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R7324	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7325	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7326	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7327	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7328	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7329	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7330	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R7331	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R7332, 33	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2	
R7334	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7335	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R7336	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R7337	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7338	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7339	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7340	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R7341, 42	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R7343, 44	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R7345	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R7346	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7347	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7348	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7349	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7350	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7352	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7353, 54	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R7355	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7356, 57	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R7358, 59	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7360	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7361	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7362	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7363	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7364	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7365	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7366	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7367	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7368	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7369	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7370	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R7371	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7372	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R7373, 74	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7376	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7378	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7402, 03	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R7405-08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R7410, 11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7412	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R7414	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R7415	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7416	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7418	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7419, 20	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R7421	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R7422	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7423	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7424	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R7425	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7426	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R7427	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R7428	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7429	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7430	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7431	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R7432	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R7433	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7434	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R7435	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R7436	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7437	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R7438	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R7439	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
TG3101	EYF6CU	TEST POINT	1	
TG3301	EYF6CU	TEST POINT	1	
TG3402	EYF6CU	TEST POINT	1	
TG7001	EYF6CU	TEST POINT	1	
TG7101	EYF6CU	TEST POINT	1	
TG7301	EYF6CU	TEST POINT	1	
TH7301	ERTD2FHL102S	THERMISTOR 1K	1	
TP7001	EYF6CU	TEST POINT	1	
TP7101	EYF6CU	TEST POINT	1	
TP7401-03	EYF6CU	TEST POINT	3	
VC7301	VCV0050	TRIMMER	1	
VC7401	VCV0050	TRIMMER	1	
VR7003	EVM7JGA00B13	V.RESISTOR 1K	1	
VR7004	EVM7JGA00B15	V.RESISTOR 100K	1	
VR7005	EVM7JGA00B13	V.RESISTOR 1K	1	
VR7103, 04	EVM7JGA00B23	V.RESISTOR 2K	2	
VR7105	VRV0161B102	V.RESISTOR 1K	1	
VR7106	VRV0161B202	V.RESISTOR 2K	1	
VR7108, 09	EVM7JGA00B53	V.RESISTOR 5K	2	
VR7112	EVM7JGA00B52	V.RESISTOR 500	1	
VR7301	EVM7JGA00B52	V.RESISTOR 500	1	
VR7302	EVM7JGA00B24	V.RESISTOR 20K	1	
VR7401	EVM7JGA00B52	V.RESISTOR 500	1	
VR7402	EVM7JGA00B14	V.RESISTOR 10K	1	
		MISCELLANEOUS		

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	XYN2+J6	SCREW	2	
	VKC0572	P.C.BOARD CATCHER (L)	1	
	VKC0573	P.C.BOARD CATCHER (R)	1	
	XYN3+K8	SCREW	2	
	XNG3ES	NUT	2	
■ E3	VEP83427B	REC PB P.C.BOARD	1	(RTL)
■	VEP88234Q	DV UCOM P.C.BOARD	1	(RTL)FOR VEP83427B
C1-C4	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	FOR VEP88234Q
C3001,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3003	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C3004-08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3009-12	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	4	
C3013-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3018-21	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	4	
C3022	ECEV0JV220Q	E.CAPACITOR CH6.3V 22U	1	
C3023	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3024	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	
C3101-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3104	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C3105-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C3112	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3113	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3114	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3115	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3116	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3117-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3120	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3121	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C3122-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3201-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3204	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3205	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3206	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C3207	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C3208-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3351-58	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C3401-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	18	
C3451-56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3521-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3561-65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3566	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C3567-78	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C3579	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	
C3580	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3581	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3582	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C3583-86	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3587	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C3588	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3589	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C3590	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C3591	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3592	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3701	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3702	ECST1AX106Z	T.CAPACITOR CH 10V 10U	1	
C3703	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3771-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3801-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
C3851-60	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
D3003	MA701A	DIODE	1	
D3004-06	MA736	DIODE	3	
D3007	MA701A	DIODE	1	
D3008	MA736	DIODE	1	
D3101,02	MA152K	DIODE	2	
D3561-63	MA729	DIODE	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
FL3001-04	VLF1016A223	FILTER	4	
IC1	M31020EAVP	BLANK ROM	1	FOR VEP88234Q
IC3001	XC62FP5002P	IC	1	
IC3002	XC62FP2302P	IC	1	
IC3101	TVHC157FT	IC	1	
IC3102	DM74LS123SJ	IC	1	
IC3103	MC74HC125AF	IC	1	
IC3104	PZ5128S10BP	IC	1	
IC3105	NJM082BV	IC	1	
IC3106	74F244SJ	IC	1	
IC3107,08	TVHC244FT	IC	2	
IC3109	74F163ASJ	IC	1	
IC3110-12	TVHC244FT	IC	3	
IC3201	TC7SH04FU	IC	1	
IC3202	TC7SH32FU	IC	1	
IC3203-06	TVHC574FT	IC	4	
IC3207	L7A1644	IC	1	
IC3351,52	MN4707F	IC	2	
IC3401	TVHC244FT	IC	1	
IC3402,03	MN67373	IC	2	
IC3404	TVHC157FT	IC	1	
IC3451	TC7W125FU	IC	1	
IC3452	MB81V4260S7	IC	1	
IC3453	L7A1645	IC	1	
IC3521	TVHC367FT	IC	1	
IC3522	TC7W125FU	IC	1	
IC3523	TVHC257FT	IC	1	
IC3524	TLCX125FT	IC	1	
IC3561	TC7SH04FU	IC	1	
IC3562	TVHC74FT	IC	1	
IC3563	MC10H124M	IC	1	
IC3564,65	TVHC74FT	IC	2	
IC3566	TVHC157FT	IC	1	
IC3567	TVHC153FT	IC	1	
IC3568,69	TVHC244FT	IC	2	
IC3570	MC10H125M	IC	1	
IC3571	XC62FP3302P	IC	1	
IC3572,73	TLCX244FT	IC	2	
IC3574	MN47V76SP	IC	1	
IC3575	L7A1645	IC	1	
IC3576	MN47V76SP	IC	1	
IC3577	TVHC244FT	IC	1	
IC3771-75	TVHC244FT	IC	5	
IC3801	MB81V4260S7	IC	1	
IC3802	M65501FP	IC	1	
IC3803	TLCX125FT	IC	1	
IC3851	MB81V4260S7	IC	1	
IC3852	M65501FP	IC	1	
L3001,02	VLP0133	COIL	2	
L3101-03	VLQ0319K470	COIL 47UH	3	
P1	VJP4106A120L	CONNECTOR	1	FOR VEP88234Q
P3001	VJP4064Q160	CONNECTOR (MALE)	1	
P3002	VJP3125B007	CONNECTOR (MALE)	1	
P3003	VJS4168B008	CONNECTOR (FEMALE)	1	
P3701	VJP3125B002	CONNECTOR (MALE)	1	
P3702	VJS4106A120L	CONNECTOR	1	
R3005-07	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R3008-11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3012	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3101,02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3103	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3104	ERJ6RED394	M.RESISTOR CH 1/10W 390K	1	
R3106	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3107	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R3108	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R3109,10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3111	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3113	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3114	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3115,16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3118	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3119	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3120	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3121-23	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R3124	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3125-27	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R3128-56	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	29	
R3201-10	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	10	
R3211	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3212	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3213,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3216,17	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3218,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3220	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3221-26	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R3351,52	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3401	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3402,03	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3405,06	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3407	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3408	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3409-12	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3451-53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3521	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3522	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3561-66	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R3567-72	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	6	
R3573,74	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3575-78	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3579	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3580,81	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3586,87	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3588,89	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3591,92	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3593-97	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R3598	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3599	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3600,01	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3602	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3603	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3604	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3607	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3608-11	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3612	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3613	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3614,15	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3616	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3617-21	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3622,23	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3624	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3626	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3629	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3701	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3702	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3704-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R3710	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3712	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3713	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3714,15	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3716-18	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3723-25	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3726	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3727-32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R3733,34	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3735	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3736-38	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3739	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3771-73	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R3774-85	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	12	
R3786,87	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3788	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3791	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3801-04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3805	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3806	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3807	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3808	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3809,10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3811	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3812	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3813-16	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3817,18	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3819	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3821-28	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	8	
R3829-32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3851-54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3855	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3856	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3857	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3858	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3859,60	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3861	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3862	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3863-66	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3867	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3868,69	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3872-79	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	8	
R3880-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
TG3101	EYF6CU	TEST POINT	1	
TG3401	EYF6CU	TEST POINT	1	
TG3451	EYF6CU	TEST POINT	1	
TG3561	EYF6CU	TEST POINT	1	
TG3701	EYF6CU	TEST POINT	1	
TP3001-03	EYF6CU	TEST POINT	3	
TP3101-04	EYF6CU	TEST POINT	4	
TP3201	EYF6CU	TEST POINT	1	
TP3401-10	EYF6CU	TEST POINT	10	
TP3561	EYF6CU	TEST POINT	1	
TP3701-10	EYF6CU	TEST POINT	10	
TP3771,72	EYF6CU	TEST POINT	2	
X3101	VSX0906	CRYSTAL OSCILLATOR	1	
X3561	VSX0970	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	XYN2+J6	SCREW	2	
	VMS6279	SPACER	2	
	XYN26+K5	SCREW	2	
	VHD1251	SCREW	2	
	VKC0572	P.C.BOARD CATCHER (L)	1	
	VKC0573	P.C.BOARD CATCHER (R)	1	
	XYN3+K8	SCREW	2	
	XNG3ES	NUT	2	
■ E4	VEP84319C	AUDIO P.C.BOARD	1	(RTL)
C40001,02	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C40003,04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40005	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C40006-10	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C40011	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C40012-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40158-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40162,63	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
C40169	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40171	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40173	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40174	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C40201	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40204	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40205	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C40206,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40208	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C40214-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C40217	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C40218	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40220	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C40221	ECEV0JV101Q	E.CAPACITOR CH6.3V 100U	1	
C40222,23	ECEV1CN100Q	E.CAPACITOR CH 16V 10U	2	
C40224,25	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C40226-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40230,31	ECHU1C472JB	P.CAPACITOR 16V 4700P	2	
C40232,33	ECEV1CN100Q	E.CAPACITOR CH 16V 10U	2	
C40301	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C40302-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C40308,09	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
C40310-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40314,15	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C40316-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C40324,25	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
C40326,27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40328-37	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	10	
C40408	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C40410	ECEV0JN470Q	E.CAPACITOR CH6.3V 47U	1	
C40411	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C40412	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C40501	ECEV1EN4R7Q	E.CAPACITOR CH 25V 4.7U	1	
C40502,03	ECHU1C822JB	P.CAPACITOR 16V 8200P	2	
C40504,05	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	2	
C40506,07	ECHU1H182JB	P.CAPACITOR 50V 1800P	2	
C40508,09	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	2	
C40510-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40514	ECUM1C394KBM	C.CAPACITOR CH 16V 0.39U	1	
C40515	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C40516	ECUM1C394KBM	C.CAPACITOR CH 16V 0.39U	1	
C40517	ECHU1H102JB	P.CAPACITOR 50V 1000P	1	
C40518	ECUM1C394KBM	C.CAPACITOR CH 16V 0.39U	1	
C40519-22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40523-25	ECHU1C104J	P.CAPACITOR 16V 0.1U	3	
C40526,27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40528	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C40530	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C40532,33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40534	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C40535	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C40536	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C40537	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40538	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	
C40539,40	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C40541	ECST1VY104Z	T.CAPACITOR CH 35V 0.1U	1	
C40543,44	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40546	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C40547	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C40548,49	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40550	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C40551	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C40552	ECEV1EN4R7Q	E.CAPACITOR CH 25V 4.7U	1	
C40601	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C40602,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40604	ECEV0JV220Q	E.CAPACITOR CH6.3V 22U	1	
C40605,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40607	ECEV0JV220Q	E.CAPACITOR CH6.3V 22U	1	
C40608	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40609,10	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	2	
C40611	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40612	ECEV0JV220Q	E.CAPACITOR CH6.3V 22U	1	
C40613	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C40614-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C40619	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C40620,21	ECEV0JV220Q	E.CAPACITOR CH6.3V 22U	2	
C40622,23	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	2	
C40624	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C40625-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C40628	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C40629	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C40630-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C40634	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C40635	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40636	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C40701-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C40705	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C40706	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40707	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C40708	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C40709	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40801,02	ECEV1CN100Q	E.CAPACITOR CH 16V 10U	2	
C40803	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C40804,05	ECEV1HV010Q	E.CAPACITOR CH 50V 1U	2	
C40806	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C40807-09	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	3	
C40810,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C40812,13	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
D40001-04	MA128	DIODE	4	
D40005	MA142WK	DIODE	1	
D40301	MA147	DIODE	1	
D40302,03	MA142WK	DIODE	2	
D40601	MA157	DIODE	1	
D40602	MA142WK	DIODE	1	
FL40001,02	VLF0941C223	FILTER	2	
FL40501	VLF1069	FILTER	1	
FL40701	VLF0941C223	FILTER	1	
IC40001	LVX32450SC	IC	1	
IC40002,03	TVHT541FT	IC	2	
IC40004	TVHC139FT	IC	1	
IC40005	TC7SH04FU	IC	1	
IC40006-09	UPD71055GB	IC	4	
IC40110	NJM78L09UA	IC	1	
IC40111	AN78L07M	IC	1	
IC40112	NJM79L09UA	IC	1	
IC40201	XC62AP5002M	IC	1	
IC40202	AK4320VM	IC	1	
IC40203	TVHC541FT	IC	1	
IC40204,05	TA75W558FU	IC	2	
IC40301	TA75W558FU	IC	1	
IC40302	MC14053BDT	IC	1	
IC40303	UPD4052BG	IC	1	
IC40304,05	TA75W558FU	IC	2	
IC40306	MC14053BDT	IC	1	
IC40307	UPD4052BG	IC	1	
IC40308-11	TA75W558FU	IC	4	
IC40312-15	UPD4052BG	IC	4	
IC40316	TA75W558FU	IC	1	
IC40317	NJM79L09UA	IC	1	
IC40318	NJM78L09UA	IC	1	
IC40319	XC62AP5002M	IC	1	
IC40320	XC62DN5002M	IC	1	
IC40401	TA75W558FU	IC	1	
IC40501,02	TA75W558FU	IC	2	
IC40503	MC14053BDT	IC	1	
IC40504-06	TA75W558FU	IC	3	
IC40507	MC14053BDT	IC	1	
IC40508	CXA1552M	IC	1	
IC40509	MC14052BF	IC	1	
IC40510	TA75W558FU	IC	1	
IC40601	TA75W558FU	IC	1	
IC40602	TVHC244FT	IC	1	
IC40603	AK4503VF	IC	1	
IC40604	TVHC244FT	IC	1	
IC40605	TA75W558FU	IC	1	
IC40606	XC62AP3002P	IC	1	
IC40607	NJM78L05UA	IC	1	
IC40608	NJM79L05UA	IC	1	
IC40701	MB621926	IC	1	
IC40702	MB81480070	IC	1	
IC40703	MC74HC74AF	IC	1	
IC40704	TC4W53FU	IC	1	
IC40705	TVHC541FT	IC	1	
IC40706,07	TVHC164FT	IC	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC40708	TC7SH04FU	IC	1	
IC40709	TC7W74FU	IC	1	
IC40801	M51132L	IC	1	
IC40802	NJM4556AM	IC	1	
L40203	VLQ0163J100	COIL 10UH	1	
P40901	VJP4064Q160	CONNECTOR (MALE)	1	
P40902	VJP3125B009	CONNECTOR (MALE)	1	
Q40201,02	2SD1979	TRANSISTOR	2	
Q40301-04	2SB1219A-R	TRANSISTOR	4	
Q40410	2SB1220-R	TRANSISTOR	1	
Q40411,12	2SD1821-R	TRANSISTOR	2	
Q40601	2SB1219A-R	TRANSISTOR	1	
Q40602	2SD1979	TRANSISTOR	1	
Q40801,02	2SD1979	TRANSISTOR	2	
QR40001-04	UN5213	TRANSISTOR-RESISTOR	4	
QR40201-03	UN5213	TRANSISTOR-RESISTOR	3	
QR40204,05	UN5113	TRANSISTOR-RESISTOR	2	
QR40301,02	UN5213	TRANSISTOR-RESISTOR	2	
QR40405	UN5213	TRANSISTOR-RESISTOR	1	
QR40601	UN5213	TRANSISTOR-RESISTOR	1	
R40001-04	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R40005,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R40008-15	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	8	
R40016	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40163	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40201-04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R40205-08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R40209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40211	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40213	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40215,16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R40217,18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40219-22	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	4	
R40223,24	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R40225,26	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R40227,28	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	2	
R40229,30	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R40231,32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40233	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R40234	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R40235	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R40236	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R40237	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R40238	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R40239,40	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	2	
R40241,42	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R40243,44	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R40245,46	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R40247-50	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R40301	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40302	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40303,04	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40305	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R40306	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40308	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R40309	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R40310	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R40311	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40312	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40313	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40315	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40316	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R40317	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40318-20	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R40321	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R40322	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R40323	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R40324	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R40325	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R40326	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R40327	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R40328	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R40329	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R40330	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R40331	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R40332	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R40333,34	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R40341-46	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R40347,48	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40350	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40353-55	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R40357	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40360	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R40361,62	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R40363	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R40364,65	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R40405	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R40413	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40414	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R40415	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R40416	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R40423	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40426	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40428	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40434	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R40435	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R40436	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R40437	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	1	
R40442	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R40501	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40502	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R40503	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40504	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R40505	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40506	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40507	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40508	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40509	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40510	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40511	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40513	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40515	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40516	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R40517	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R40519	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40520	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R40521	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R40522	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R40523,24	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40525	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R40526	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R40527	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R40528	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R40530	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R40531	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R40532	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40534	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R40535	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40536	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R40537	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R40540	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40541,42	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R40547	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40548	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40549	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R40550	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40551	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40552	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40553	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R40554	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R40555,56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40601,02	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R40603	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R40604	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40605,06	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R40607,08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40609	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R40611	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R40612	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40613,14	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R40615-17	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R40618	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40619	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R40620	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R40621	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40622	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R40624	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R40625	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40627	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40629	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R40630	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R40631	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40633	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R40702	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40706-09	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	4	
R40711	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40713	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40801,02	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R40803,04	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40805,06	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R40807,08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40809,10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R40811,12	ERJ6GEYG151	M.RESISTOR CH 1/10W 150	2	
R40813,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R40815	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R40816	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R40901	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40902	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
TP40103	EYF6CU	TEST POINT	1	
TP40201-05	EYF6CU	TEST POINT	5	
TP40301-07	EYF6CU	TEST POINT	7	
TP40401,02	EYF6CU	TEST POINT	2	
TP40501,02	EYF6CU	TEST POINT	2	
TP40601-03	EYF6CU	TEST POINT	3	
VR40201,02	VRV0161B103	V.RESISTOR 10K	2	
VR40501,02	VRV0161B103	V.RESISTOR 10K	2	
VR40503,04	VRV0161B502	V.RESISTOR 5K	2	
VR40505	VRV0161B503	V.RESISTOR 50K	1	
VR40506	VRV0161B203	V.RESISTOR 20K	1	
		MISCELLANEOUS		
	XYN2+J6	SCREW	2	
	VKC0572	P.C.BOARD CATCHER (L)	1	
	VKC0573	P.C.BOARD CATCHER (R)	1	
	XYN3+K8	SCREW	2	
	XNG3ES	NUT	2	
■ E5	VEP83428C	VIDEO IN P.C.BOARD	1	(RTL)
C3005-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3010	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C3011,12	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C3110,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3114	ECKF1H122KB	C.CAPACITOR 50V 1200P	1	
C3506,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3651-56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3751-59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
D3001	MA736	DIODE	1	
FL3003	VLF1016A223	FILTER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3110,11	TVHC244FT	IC	2	
IC3505	TVHC244FT	IC	1	
IC3507	TVHC244FT	IC	1	
IC3652	UPD65868D022	IC	1	
IC3751,52	SN74S1051NS	IC	2	
IC3753,54	TVHT541FT	IC	2	
IC3755	HD151015	IC	1	
IC3756	TVHC139FT	IC	1	
IC3757	UPD71055GB	IC	1	
IC3758	TC7SH04FU	IC	1	
L3001	VLP0133	COIL	1	
P3001	VJP40640160	CONNECTOR (MALE)	1	
P3002	VJS4168B008	CONNECTOR (FEMALE)	1	
P3003	VJP3125B007	CONNECTOR (MALE)	1	
R3002,03	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3012	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3141,42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3503	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3520-27	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R3538	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3543-50	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R3651,52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3654-57	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3658,59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3660-62	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R3663	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3664-66	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R3667,68	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3669	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3670-72	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3751,52	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3753-57	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	5	
R3758	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3759	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R3760	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3761	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R3762	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3763	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R3764	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3767,68	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3770	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
TG3101	EYF6CU	TEST POINT	1	
TG3201	EYF6CU	TEST POINT	1	
TG3401	EYF6CU	TEST POINT	1	
TG3501	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	XYN2+J6	SCREW	2	
	VKC0572	P.C.BOARD CATCHER (L)	1	
	VKC0573	P.C.BOARD CATCHER (R)	1	
	XYN3+K8	SCREW	2	
	XNG3ES	NUT	2	
■ E6	VEP83429B	VIDEO OUT P.C.BOARD	1	(RTL)
C3001-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3005,06	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
C3007-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3013	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3014,15	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C3016	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3017,18	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C3151-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3201-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C3281-86	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3301-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3351-56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3381-90	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C3451,52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3453	ECST1AX106Z	T.CAPACITOR CH 10V 10U	1	
C3454-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3458	ECST1AX106Z	T.CAPACITOR CH 10V 10U	1	
C3459	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3481-92	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C3561-64	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3565	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3566	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3567	ECEV1CN100Q	E.CAPACITOR CH 16V 10U	1	
C3568	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C3569	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3570	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C3572-79	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C3580	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C3581	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3651	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3652	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3653	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C3654,55	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C3656	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C3657	ECUX1H181JCV	C.CAPACITOR CH 50V 180P	1	
C3658,59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3660	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3661	ECEV1HN010Q	E.CAPACITOR CH 50V 1U	1	
C3662	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3663	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3664	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C3665	ECEV1HV010Q	E.CAPACITOR CH 50V 1U	1	
C3666-70	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3671	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C3672	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C3673	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3674	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C3675	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C3676	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3677	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3678	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C3679	ECEV1HN010Q	E.CAPACITOR CH 50V 1U	1	
C3680	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3681	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3682,83	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3686	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3687-91	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3692,93	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C3694	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3711	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C3712	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3713,14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3715	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C3716	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3717	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3718-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3721	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3722	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3723	ECEV1VAN2R2	E.CAPACITOR CH 35V 2.2U	1	
C3724	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3725	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3726-28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3729	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3730-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3733	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C3734	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3735	ECEV1HN010Q	E.CAPACITOR CH 50V 1U	1	
C3736	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C3737	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C3738	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C3739	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C3740,41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3742	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3743	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3744	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3745	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C3747	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3750	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3751	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C3752-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3755	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C3771	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3772-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3777	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3778	ECEV1HN010Q	E.CAPACITOR CH 50V 1U	1	
C3779	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3780	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C3781	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C4001-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4006	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4008-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C4013-15	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	3	
C4101-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C4104	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C4105,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4107	ECEV1HV0R1Q	E.CAPACITOR CH 50V 0.1U	1	
C4108	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4109	ECEV1HV0R1Q	E.CAPACITOR CH 50V 0.1U	1	
C4110	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C4111	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4112	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4113,14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4201-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C4301-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C4401-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C4501-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
D3001	MA736	DIODE	1	
D3561	MA142K	DIODE	1	
D3651	MA142WK	DIODE	1	
D3711	MA142K	DIODE	1	
D3712	MA335-R	DIODE	1	
D3713	MA152K	DIODE	1	
D3771	MA152K	DIODE	1	
FL3001-04	VLF1016A223	FILTER	4	
FL3651	VLF1016A223	FILTER	1	
FL3711	VLF1016A223	FILTER	1	
FL3771	VLF0941C223	FILTER	1	
FL4001-03	VLF0941C223	FILTER	3	
IC3001,02	XC62FP5002P	IC	2	
IC3003	XC62DN5002P	IC	1	
IC3151-53	TVHC244FT	IC	3	
IC3201	TLCX244FT	IC	1	
IC3202,03	TLCX574FT	IC	2	
IC3204,05	TLCX244FT	IC	2	
IC3206	TC7SH04FU	IC	1	
IC3207-10	TLCX574FT	IC	4	
IC3281	PZ3128S10BP	BLANK ROM	1	SOFTWARE VVVSI3182
IC3301	T160G70-1601	IC	1	
IC3351	PZ3128S10BP	BLANK ROM	1	SOFTWARE VVVSI3184
IC3381,82	MN47V78SP	IC	2	
IC3383,84	TVHC541FT	IC	2	
IC3385	PZ3128S10BP	BLANK ROM	1	SOFTWARE VVVSI3186
IC3451	ADV7122KST50	IC	1	
IC3452	AD589JR	IC	1	
IC3481,82	MN47V78SP	IC	2	
IC3483,84	TVHC541FT	IC	2	
IC3485	PZ3128S10BP	BLANK ROM	1	SOFTWARE VVVSI3185
IC3486,87	TLCX244FT	IC	2	
IC3561	NJM082BV	IC	1	
IC3562	MN74HC221S	IC	1	
IC3563	UPD65650J203	IC	1	
IC3564	TVHC08FT	IC	1	
IC3565	TVHC244FT	IC	1	
IC3566	TVHC240FT	IC	1	
IC3567	TC7SH08FU	IC	1	
IC3651	AN91A12S	IC	1	
IC3652	MB86023PF	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3653	NE521D	IC	1	
IC3654	MC74HC04AF	IC	1	
IC3655	MN74HC221S	IC	1	
IC3656	MC74HC125AF	IC	1	
IC3657,58	MN74HC221S	IC	2	
IC3659	NJM082BV	IC	1	
IC3660	TC7SH00FU	IC	1	
IC3711	MC14053BF	IC	1	
IC3712	TC7SH08FU	IC	1	
IC3713-15	NJM082BV	IC	3	
IC3716	NE521D	IC	1	
IC3717	NJM78L09UA	IC	1	
IC3718,19	TC7SH00FU	IC	2	
IC3772	NJM082BV	IC	1	
IC3773	TVHC74FT	IC	1	
IC3774,75	TVHC244FT	IC	2	
IC3776	TC7SH08FU	IC	1	
IC4001	TVHC74FT	IC	1	
IC4002,03	TVHT541FT	IC	2	
IC4004	TVHC541FT	IC	1	
IC4005	TC7SH08FU	IC	1	
IC4006,07	TVHC541FT	IC	2	
IC4008	TC7SH04FU	IC	1	
IC4101	XC62FP5002P	IC	1	
IC4102	MC4044M	IC	1	
IC4103,04	TVHC541FT	IC	2	
IC4105	TC7SH04FU	IC	1	
IC4106	TVHC74FT	IC	1	
IC4107,08	TC7SH04FU	IC	2	
IC4201	K6256DLG7L	IC	1	
IC4202	TVHC157FT	IC	1	
IC4203	T16GH7AF1216	IC	1	
IC4204	K6256DLG7L	IC	1	
IC4301,02	TC7SH04FU	IC	2	
IC4303	D485505G25	IC	1	
IC4304	MB621926	IC	1	
IC4305	K6256DLG7L	IC	1	
IC4401	MB621926	IC	1	
IC4402	MB814400C70L	IC	1	
IC4501,02	SN74S1051NS	IC	2	
IC4503,04	TVHT541FT	IC	2	
IC4505	HD151015	IC	1	
IC4506	TVHC139FT	IC	1	
IC4507	UPD71055GB	IC	1	
IC4508	TC7SH04FU	IC	1	
IC4509	TVHC541FT	IC	1	
ID3281	VVVS13183	SOFTWARE	1	FOR IC3281
ID3351	VVVS13184	SOFTWARE	1	FOR IC3351
ID3385	VVVS13186	SOFTWARE	1	FOR IC3385
ID3485	VVVS13185	SOFTWARE	1	FOR IC3485
L3001,02	VLP0133	COIL	2	
L3452	VLQ0576	COIL	1	
L3453	VLQ0319K101	COIL 100UH	1	
L3561	VLQ0319K470	COIL 47UH	1	
L3651	VLQ0319K221	COIL 220UH	1	
L3652	VLQ0163J390	COIL 39UH	1	
L3653	VLQ0319K101	COIL 100UH	1	
L3655,56	VLQ0319K470	COIL 47UH	2	
L3711	VLQ0319K470	COIL 47UH	1	
L3712	VLQ0163J221	COIL 220UH	1	
L3713-16	VLQ0319K470	COIL 47UH	4	
L3771,72	VLQ0319K470	COIL 47UH	2	
P3001	VJP4064Q160	CONNECTOR (MALE)	1	
P3002	VJP3125B007	CONNECTOR (MALE)	1	
P3003	VJS4168B008	CONNECTOR (FEMALE)	1	
Q3451	2SK374-R	TRANSISTOR	1	
Q3452-54	2SB1218A-R	TRANSISTOR	3	
Q3711	2SB709A-R	TRANSISTOR	1	
Q3712,13	2SK608-R	TRANSISTOR	2	
R3001-04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3005-08	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3151,52	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3153	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3154,55	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3156-58	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R3201-05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R3281	VLP0151	COIL	1	
R3283	VLP0151	COIL	1	
R3285-87	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3301	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3351	VLP0151	COIL	1	
R3353	VLP0151	COIL	1	
R3355-57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3381-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3384	VLP0151	COIL	1	
R3386	VLP0151	COIL	1	
R3388-91	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3451	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3452	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R3453-56	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	4	
R3457,58	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R3459,60	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R3462-64	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	3	
R3465-67	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R3468	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3469	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3482-84	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3485	VLP0151	COIL	1	
R3487	VLP0151	COIL	1	
R3489-91	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3492,93	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3494-03	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	10	
R3561	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R3562	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
R3563	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3568-71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3572	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R3573	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R3574	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3575	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R3582	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3583	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3584	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3586	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3587,88	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3589,90	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3591	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3592-03	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	12	
R3651	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3652	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R3653	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
R3654	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3655	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3656	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3657	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R3658	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3659	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R3660,61	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3662	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R3663	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3664	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R3665	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3666	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R3667	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R3669	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3670	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R3671	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R3672	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3673,74	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R3675	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3676	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3677	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3678	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R3679-81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R3682	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3711	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3712	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R3713	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R3714	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3715	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R3717	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3718	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R3719	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R3720	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3721	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R3722	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3723	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3724	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3725	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
R3726,27	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3728,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3730	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R3731	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R3732	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3733	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3734	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R3735,36	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3737	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R3738	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3739	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3740	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R3741	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R3742	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3744	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3745	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3747	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3748	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3749	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R3753-55	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3771	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R3772	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3773	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R3774,75	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R3776	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3777	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3778	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3779,80	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3781-88	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R4001-13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	13	
R4014-16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R4018	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4019	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4021	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4022-27	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	6	
R4028-30	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4031,32	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R4033-41	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	9	
R4101	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4104,05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R4106	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R4107	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4108,09	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R4110-13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	4	
R4114,15	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R4116	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4202	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4203	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4205	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4207	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4209	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4210,11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4212	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4213-17	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R4219,20	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R4221	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4222	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4301	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4302	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4304	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4306,07	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4309-12	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	4	
R4313	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4316	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4318	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4320,21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4323	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4325	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4326	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4329	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4402	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4403	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4405	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R4406	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4407	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4408	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4409	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4410	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4411	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4412	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4414	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4416	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4418	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4419	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4420	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4422	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4423	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4424	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4425	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4426	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4428	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4429	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4501,02	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R4503-07	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	5	
R4508	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R4509	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4510	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R4511	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4512	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R4513	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4514,15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4516	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4517	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4519	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4521	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
TG3301	EYF6CU	TEST POINT	1	
TG3381	EYF6CU	TEST POINT	1	
TG3561	EYF6CU	TEST POINT	1	
TG3651	EYF6CU	TEST POINT	1	
TG3711	EYF6CU	TEST POINT	1	
TG4101	EYF6CU	TEST POINT	1	
TG4201	EYF6CU	TEST POINT	1	
TP3561-64	EYF6CU	TEST POINT	4	
TP3651-54	EYF6CU	TEST POINT	4	
TP3711,12	EYF6CU	TEST POINT	2	
TP4101,02	EYF6CU	TEST POINT	2	
TP4201-03	EYF6CU	TEST POINT	3	
VC3711	VCV0050	TRIMMER	1	
VR3561	EVM7JGA00B53	V.RESISTOR 5K	1	
VR3651	EVM7JGA00B54	V.RESISTOR 50K	1	
VR3652	EVM7JGA00B53	V.RESISTOR 5K	1	
VR3653	EVM7JGA00B14	V.RESISTOR 10K	1	
VR3711	EVM7JGA00B23	V.RESISTOR 2K	1	
VR3712	EVM7JGA00B53	V.RESISTOR 5K	1	
VR3771	EVM7JGA00B53	V.RESISTOR 5K	1	
X3651	VSX0270	CRYSTAL OSCILLATOR	1	
X3711	VSX0363	CRYSTAL OSCILLATOR	1	
X3712	VSX0567A	CRYSTAL OSCILLATOR	1	
X3771	VSX0788	CRYSTAL OSCILLATOR	1	
X4101	VSX1088	CRYSTAL OSCILLATOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		MISCELLANEOUS		
	XYN2+J6	SCREW	2	
	VKC0572	P.C.BOARD CATCHER (L)	1	
	VKC0573	P.C.BOARD CATCHER (R)	1	
	XYN3+K8	SCREW	2	
	XNG3ES	NUT	2	
■ E7	VEP84320C	AV I/O P.C.BOARD	1	(RTL)
C3301,02	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C3306	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C3311,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4001	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C4002,03	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C4004,05	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C4006	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C4007-10	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C4011-14	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	4	
C4015-18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C4019	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C4020,21	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C4022-24	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	3	
C4025-32	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	8	
C4033	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4034	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C4035	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4036	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C4037-44	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	8	
C4045-48	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	4	
D4001-04	MA147	DIODE	4	
IC3301	AD828AR	IC	1	
IC4001-06	TA75W558FU	IC	6	
L3301,02	VLQ0319K101	COIL 100UH	2	
P3501,02	VJP3600B030K	CONNECTOR (MALE)	2	
P3503	VJS3421A020	CONNECTOR (FEMALE)	1	
P3504	VJS3421A028	CONNECTOR (FEMALE)	1	
Q4001,02	2SD602A-R	TRANSISTOR	2	
Q4003,04	2SB710A-R	TRANSISTOR	2	
Q4005,06	2SD1979	TRANSISTOR	2	
Q4007	2SD874A-R	TRANSISTOR	1	
Q4008	2SB766A-R	TRANSISTOR	1	
Q4009	2SD874A-R	TRANSISTOR	1	
Q4010	2SB766A-R	TRANSISTOR	1	
Q4011	2SD874A-R	TRANSISTOR	1	
Q4012	2SB766A-R	TRANSISTOR	1	
Q4013	2SD874A-R	TRANSISTOR	1	
Q4014	2SB766A-R	TRANSISTOR	1	
R3302	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R3304	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R3306	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3310	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R3311	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R3312	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R3314	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R3315	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R3317	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R3320	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R3321	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R3328	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R3329	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R3330	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R3332	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R3333	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3501,02	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4001,02	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R4003,04	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4005-08	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R4009,10	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	2	
R4013,14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4015,16	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R4017	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R4018	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R4019	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R4020	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R4021	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4022	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4023	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4024	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4025,26	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	2	
R4027-34	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	8	
R4035	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4036	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4037,38	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R4039,40	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R4041	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4042	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4043	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4044	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4045,46	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R4047	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4048	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4049-56	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	8	
R4059-66	ERJ14YJ100	M.RESISTOR CH 1/4W 10	8	
R4067	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4068	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4069	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4070	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4071	ERJ3RED150	M.RESISTOR CH 1/16W 15	1	
R4072	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4073	ERJ3RED150	M.RESISTOR CH 1/16W 15	1	
R4074	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4075-78	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R4079-82	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	4	
R4083-86	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	4	
R4087,88	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
RY4001-04	AQV212SX	IC	4	
TG3201	EYF6CU	TEST POINT	1	
TG3301	EYF6CU	TEST POINT	1	
TP3303	EYF6CU	TEST POINT	1	
TP3305	EYF6CU	TEST POINT	1	
VR4001,02	VRV0161B102	V.RESISTOR 1K	2	
■ E8	VEP85172B	RF P.C.BOARD	1	(RTL)
C1,C2	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	2	
C3-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C13	ECEV1AV330Q	E.CAPACITOR CH 10V 33U	1	
C14-20	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	7	
C22-28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C30,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C32,33	ECEV1AV330Q	E.CAPACITOR CH 10V 33U	2	
C34,35	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C36,37	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	2	
C38-42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C46-50	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	5	
C53-58	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C62	ECEV1EV100Q	E.CAPACITOR CH 25V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C63	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C64	ECEV1AV330Q	E.CAPACITOR CH 10V 33U	1	
C65	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C68-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C74	ECEV1EV100Q	E.CAPACITOR CH 25V 10U	1	
C75	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C76	ECEV1AV330Q	E.CAPACITOR CH 10V 33U	1	
C78-80	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C91,92	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	2	
C151	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C161	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C171	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C181	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C195,96	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C201	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C202-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C241	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C242-46	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C301	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C302-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C341	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C342-46	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C401-08	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C409	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C411-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C414	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C415-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C418,19	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C420	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C421-24	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C425	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C427	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C432	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C434,35	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C442	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C447	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C450	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C451,52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C453,54	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C455-60	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C461-65	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C466	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C467	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C468	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C469	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C470	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C471	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C472-74	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C475	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C476	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C477	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C478	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C479-82	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C483,84	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C485,86	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	2	
C487	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C488,89	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C490	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C491	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C501-08	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C509	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C511-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C514	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C515-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C518,19	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C520	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C521-24	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C525	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C527	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C532	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C534,35	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C542	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C547	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C550	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C551,52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C553,54	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C555-60	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C561-65	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C566	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C567	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C568	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C569	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C570	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C571	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C572-74	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C575	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C576	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C577	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C578	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C579-82	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C583,84	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C585,86	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	2	
C587	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C588,89	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C590	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C591	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C601	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C602-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C606	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C607,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C609	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	1	
C610	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C611	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	1	
C612-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C616-18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C619,20	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C621	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C622	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C623	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C624	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C625	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C626	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C627	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C628	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C629	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C630	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C631	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C632	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C633	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C634	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C635	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C636,37	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C638	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C639	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C640,41	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C642,43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C644	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C645	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C646	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C647-50	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	4	
C651-53	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C654	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C655	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C656,57	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C658	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C659	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C660	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C661-64	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C665	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C666	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C667	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C668	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C669	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C670,71	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C672-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C676	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C677	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C678-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C682-85	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	4	
C686	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C687	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C688,89	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C690-00	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
C701	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C702-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C706	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C707,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C709	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	1	
C710	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C711	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	1	
C712-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C716-18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C719,20	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C721	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C722	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C723	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C724	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C725	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C726	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C727	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C728	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C729	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C730	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C731	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C732	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C733	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C734	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C735	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C736,37	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C738	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C739	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C740,41	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C742,43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C744	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C745	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C746	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C747-50	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	4	
C751-53	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C754	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C755	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C756,57	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C758	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C759	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C760	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C761-64	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C765	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C766	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C767	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C768	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C769	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C770,71	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C772-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C776	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C777	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C778-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C782-85	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	4	
C786	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C787	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C788,89	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C790-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	
C808-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
C851-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C868	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C870-91	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	22	
C901-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C905,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C907,08	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	2	
C909,10	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C911,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C913,14	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C915,16	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
C917,18	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C919	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C920,21	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C922	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C924-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C930	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C932-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C936-40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
D1	MA701A	DIODE	1	
D2	11EQS04	DIODE	1	
D3	MA701A	DIODE	1	
D202	MA142WK	DIODE	1	
D242	MA142WK	DIODE	1	
D302	MA142WK	DIODE	1	
D342	MA142WK	DIODE	1	
D901	MA142K	DIODE	1	
FL1-L5	VLF0931	FILTER	5	
FL8-10	VLF0931	FILTER	3	
IC1	LT1086CM	IC	1	
IC2-C7	XC62AP5002P	IC	6	
IC9-12	XC62DN5002P	IC	4	
IC103	TVHC32FT	IC	1	
IC104	TC7W32FU	IC	1	
IC201,02	TC4S69F	IC	2	
IC241,42	TC4S69F	IC	2	
IC301,02	TC4S69F	IC	2	
IC341,42	TC4S69F	IC	2	
IC401,02	UPC5102GS030	IC	2	
IC403	UPC1663G	IC	1	
IC404	NJM1496V	IC	1	
IC405	NJM062V	IC	1	
IC406	NJM319V	IC	1	
IC501,02	UPC5102GS030	IC	2	
IC503	UPC1663G	IC	1	
IC504	NJM1496V	IC	1	
IC505	NJM062V	IC	1	
IC506	NJM319V	IC	1	
IC601	AN3730FA	IC	1	
IC602	AN3740FAP-A	IC	1	
IC603	TC4S66F	IC	1	
IC604	AN3745FBP-A	IC	1	
IC605	TC4S66F	IC	1	
IC606	UPC1663G	IC	1	
IC607	AD9057BRS	IC	1	
IC608	TVHC157FT	IC	1	
IC609	TC6326AF	IC	1	
IC610	TLCX74FT	IC	1	
IC611	TLCX32FT	IC	1	
IC612	TVHC163FT	IC	1	
IC613	NJM064V	IC	1	
IC701	AN3730FA	IC	1	
IC702	AN3740FAP-A	IC	1	
IC703	TC4S66F	IC	1	
IC704	AN3745FBP-A	IC	1	
IC705	TC4S66F	IC	1	
IC706	UPC1663G	IC	1	
IC707	AD9057BRS	IC	1	
IC708	TVHC157FT	IC	1	
IC709	TC6326AF	IC	1	
IC710	TLCX74FT	IC	1	
IC711	TLCX32FT	IC	1	
IC712	TVHC163FT	IC	1	
IC713	NJM064V	IC	1	
IC801	M62370GP	IC	1	
IC802-07	MC14053BDT	IC	6	
IC809-11	NJM064V	IC	3	
IC812	NJM062V	IC	1	
IC851	M62370GP	IC	1	
IC852-56	MC14053BDT	IC	5	
IC857	TC4W53FU	IC	1	
IC859-61	NJM064V	IC	3	
IC862	NJM062V	IC	1	
IC901	UPC4074G2	IC	1	
IC902	CXA1211M	IC	1	
IC903	MC14053BDT	IC	1	
IC904	TVHC32FT	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC906	TVHC157FT	IC	1	
IC907	TC7W08FU	IC	1	
IC908-10	TVHT04FT	IC	3	
IC912	S80727ANDQ	IC	1	
IC913	TC7W04FU	IC	1	
IC915	MC10H124M	IC	1	
IC916	TC7W32FU	IC	1	
L401	VLQ0163J1R0	COIL 1UH	1	
L412,13	VLQ0163JR39	COIL 1UH	2	
L501	VLQ0163J1R0	COIL 1UH	1	
L512,13	VLQ0163JR39	COIL 0.39UH	2	
L901,02	VLQ0163J101	COIL 100UH	2	
P1	VJP4064L140	CONNECTOR (MALE)	1	
P2	VJS3900C013	CONNECTOR (FEMALE)	1	
P3	VJS3900A024	IC	1	
Q1	2SD2402	TRANSISTOR	1	
Q201	2SA1532-B	TRANSISTOR	1	
Q202	2SD1979	TRANSISTOR	1	
Q204	2SD1979	TRANSISTOR	1	
Q241	2SA1532-B	TRANSISTOR	1	
Q242	2SD1979	TRANSISTOR	1	
Q244	2SD1979	TRANSISTOR	1	
Q301	2SA1532-B	TRANSISTOR	1	
Q302	2SD1979	TRANSISTOR	1	
Q304	2SD1979	TRANSISTOR	1	
Q341	2SA1532-B	TRANSISTOR	1	
Q342	2SD1979	TRANSISTOR	1	
Q344	2SD1979	TRANSISTOR	1	
Q401	XN5531	TRANSISTOR-RESISTOR	1	
Q402,03	2SK508K512	TRANSISTOR	2	
Q404,05	2SD1979	TRANSISTOR	2	
Q406	XN5531	TRANSISTOR-RESISTOR	1	
Q409,10	2SD1979	TRANSISTOR	2	
Q414	2SC2295-C	TRANSISTOR	1	
Q415	XN6537	TRANSISTOR-RESISTOR	1	
Q417	2SC2295-C	TRANSISTOR	1	
Q420	2SD1979	TRANSISTOR	1	
Q421	2SC3935	TRANSISTOR	1	
Q422	XN5531	TRANSISTOR-RESISTOR	1	
Q423,24	2SC3935	TRANSISTOR	2	
Q425,26	2SK508K512	TRANSISTOR	2	
Q501	XN5531	TRANSISTOR-RESISTOR	1	
Q502,03	2SK508K512	TRANSISTOR	2	
Q504,05	2SD1979	TRANSISTOR	2	
Q506	XN5531	TRANSISTOR-RESISTOR	1	
Q509,10	2SD1979	TRANSISTOR	2	
Q514	2SC2295-C	TRANSISTOR	1	
Q515	XN6537	TRANSISTOR-RESISTOR	1	
Q517	2SC2295-C	TRANSISTOR	1	
Q520	2SD1979	TRANSISTOR	1	
Q521	2SC3935	TRANSISTOR	1	
Q522	XN5531	TRANSISTOR-RESISTOR	1	
Q523,24	2SC3935	TRANSISTOR	2	
Q525,26	2SK508K512	TRANSISTOR	2	
Q601,02	XN5531	TRANSISTOR-RESISTOR	2	
Q603,04	2SC3935	TRANSISTOR	2	
Q605,06	2SD1979	TRANSISTOR	2	
Q607	2SC3935	TRANSISTOR	1	
Q701,02	XN5531	TRANSISTOR-RESISTOR	2	
Q703,04	2SC3935	TRANSISTOR	2	
Q705,06	2SD1979	TRANSISTOR	2	
Q707	2SC3935	TRANSISTOR	1	
Q901,02	2SC3935	TRANSISTOR	2	
Q903	2SB710A-R	TRANSISTOR	1	
Q905	2SB710A-R	TRANSISTOR	1	
Q907	2SB710A-R	TRANSISTOR	1	
Q909	2SB710A-R	TRANSISTOR	1	
Q911	2SB710A-R	TRANSISTOR	1	
QR1	UN5215	TRANSISTOR-RESISTOR	1	
QR3	UN5114	TRANSISTOR-RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R2	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R3	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R5	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R61-64	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R65,66	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R71-74	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R75,76	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R82	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R84	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R85	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R94	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R95,96	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R152	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R162	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R172	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R182	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R196	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R197	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R198	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R199	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R201,02	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R206,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R208,09	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R241,42	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R243	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R246,47	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R248,49	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R301,02	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R303	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R306,07	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R308,09	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R341,42	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R343	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R346,47	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R348,49	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R401,02	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R403	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R404	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R405	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R406	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R407,08	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R409,10	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R411-14	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	4	
R417,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R420	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R422,23	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R426	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R428	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R429,30	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R433	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R434	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R435	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R436	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R438	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R439	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R441	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R442,43	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R445-47	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R450	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R451,52	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R453	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R454	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R455-57	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R458,59	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R460,61	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R462	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R463	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R464	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R465-68	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R469-72	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	4	
R473	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R474	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R475	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R476,77	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R478	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R479	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R480	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R481	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R482	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R483	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R484	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R485	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R486,87	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R488,89	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R490	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R493	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R494	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R495	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R496	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R497,98	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R499	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R500	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R501,02	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R503	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R504	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R505	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R506	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R507,08	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R509,10	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R511-14	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	4	
R517,18	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R520	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R522,23	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R526	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R528	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R529,30	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R533	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R534	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R535	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R536	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R538	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R539	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R541	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R542,43	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R545-47	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R550	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R551,52	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R553	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R554	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R555-57	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R558,59	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R560,61	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R562	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R563	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R564	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R565-68	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R569-72	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	4	
R573	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R574	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R575	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R576,77	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R578	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R579	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R580	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R581	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R582	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R583	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R584	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R585	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R586,87	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R588,89	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R590	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R593	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R594	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R595	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R596	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R597,98	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R599	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R600	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R601,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R603	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R604	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R605	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R606	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R607	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R608	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R609	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R610,11	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R612-14	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R615,16	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R617	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R618	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R619-22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R623	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R624	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R625	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R626	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R627	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R628	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R629	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R630	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R631	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R632	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R633	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R634	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R635	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R636	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R637,38	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R639	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R642-44	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R645	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R646	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R647	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R648	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R649	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R650	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R651	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R652	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R653	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R654	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R655	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R656	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R657	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R658	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R659	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R660	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R661	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R662,63	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R667,68	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R671	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R674	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R675,76	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R677-79	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R680-86	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	7	
R687	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R688	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R689	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R690	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R691,92	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	2	
R693,94	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R701,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R703	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R704	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R705,06	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R707,08	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R709-11	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R712,13	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R714	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R715	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R716-19	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R720	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R721	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R722	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R723	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R724	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R725	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R726	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R727	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R728	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R729	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R730	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R731	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R732	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R733	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R734,35	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R736	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R739-41	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R742	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R743	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R744	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R745	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R746	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R747	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R748	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R749	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R750	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R751	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R752	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R753	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R754	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R755	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R756	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R757	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R758	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R759,60	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R764,65	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R768	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R771	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R772,73	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R774-76	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R777-83	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	7	
R784	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R785	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R786	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R787	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R788,89	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	2	
R790,91	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R801-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R804-06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R811-15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R834	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R835	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R836	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R837-45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	9	
R846,47	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	2	
R848,49	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R851	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R852-54	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R859-63	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R882	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R883	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R884	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R885-93	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	9	
R894,95	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	2	
R896,97	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R901,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R903,04	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R905,06	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	2	
R907-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R911,12	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R913-18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
R919,20	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R921	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R922,23	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R926,27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R928	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R930	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R932	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R934	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R936	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R937-40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R941	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R942	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R943-47	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R948-51	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R952-55	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R956	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R957-60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R965-72	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	8	
R973-88	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	16	
R992-99	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	8	
TG11	EYF6CU	TEST POINT	1	
TG101	EYF6CU	TEST POINT	1	
TG401	EYF6CU	TEST POINT	1	
TG701	EYF6CU	TEST POINT	1	
TG901	EYF6CU	TEST POINT	1	
TP11-17	EYF6CU	TEST POINT	7	
TP201	EYF6CU	TEST POINT	1	
TP401,02	EYF6CU	TEST POINT	2	
TP501,02	EYF6CU	TEST POINT	2	
TP601,02	EYF6CU	TEST POINT	2	
TP701,02	EYF6CU	TEST POINT	2	
TP901-06	EYF6CU	TEST POINT	6	
VR801,02	VRV0161B203	V.RESISTOR 20K	2	
VR851,52	VRV0161B203	V.RESISTOR 20K	2	
		MISCELLANEOUS		
	XYN2+J6	SCREW	2	
	VMP5358	P.C.BOARD ANGLE	2	
	XTV3+6FFR	SCREW	2	
■ E9	VEP86274C	AV SYSCON P.C.BOARD	1	(RTL)
C60001	ECEV1HVR33Q	E.CAPACITOR CH 50V 0.33U	1	
C60002,03	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C60004	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C60005	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C60006,07	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C60008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C60009-11	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C60012-16	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
C60017	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	
C60018-31	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	14	
C60101-03	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C60201	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	1	
C60202-12	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	11	
C60301-04	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C60306	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C60308	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C60401-03	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C60404	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C60405	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C60406	ECUX1E105KBP	C.CAPACITOR CH 25V 1U	1	
C60407	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C60408,09	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C60501-06	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C60629	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C60632	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C60634	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C60637	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C60701,02	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C60704-10	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	7	
C60801-04	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C60805-12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
C60813,14	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C60818-21	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C60822	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C60823	ECEV1HV3R3Q	E.CAPACITOR CH 50V 3.3U	1	
C60824,25	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C60826	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C60827	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C60828	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C60829-31	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C60832	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C60905,06	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
C60907-10	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C61001	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C61002,03	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	2	
C61004-06	VCK0152	C.CAPACITOR	3	
C61007	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
D60001,02	MA143	DIODE	2	
D60005,06	MA143	DIODE	2	
D60201-03	MA143	DIODE	3	
D60401	MA142K	DIODE	1	
D60402-05	MA142WK	DIODE	4	
D60701,02	MA143	DIODE	2	
FL61001-03	VLF1016A223	FILTER	3	
IC60001	S80730ANDT	IC	1	
IC60002	M31010M6104H	IC	1	
IC60003	TVHC138FT	IC	1	
IC60004	TVHC32FT	IC	1	
IC60005	TVHC14FT	IC	1	
IC60006	TVHC08FT	IC	1	
IC60007	TVHC04FT	IC	1	
IC60008	TVHC32FT	IC	1	
IC60009	TVHC74FT	IC	1	
IC60011	TVHC126FT	IC	1	
IC60012	TVHC138FT	IC	1	
IC60013	TVHC00FT	IC	1	
IC60014	TLCX244FT	IC	1	
IC60101	MBLV80B12PFT	IC	1	
IC60102,03	KM68V1CLT7L	IC	2	
IC60201	T163G26-1019	IC	1	
IC60202	TVHC04FT	IC	1	
IC60203	TVHC14FT	IC	1	
IC60204	UPC393G2	IC	1	
IC60303	LVX3245QSC	IC	1	
IC60304-06	TVHT541FT	IC	3	
IC60308	TVHC139FT	IC	1	
IC60310	TVHC245FT	IC	1	
IC60401	TVHC123FT	IC	1	
IC60402	TVHC08FT	IC	1	
IC60403,04	MC14538BF	IC	2	
IC60501	TLCX245FT	IC	1	
IC60502-06	TVHC244FT	IC	5	
IC60701	T163G26-1019	IC	1	
IC60703,04	TVHC541FT	IC	2	
IC60801	TC7SHU04FU	IC	1	
IC60802	D703003GC017	IC	1	
IC60803	TC7SH04FU	IC	1	
IC60804,05	TVHC573FT	IC	2	
IC60806	TVHC14FT	IC	1	
IC60807	TVHC32FT	IC	1	
IC60808	TVHC04FT	IC	1	
IC60809	TVHC139FT	IC	1	
IC60810	TL7705CPSB	IC	1	
IC60902	IDT71321L55F	IC	1	
IC60903	STK12C68S45	IC	1	
IC60904	MBF8TA90PFTS	IC	1	
IC61001	SN75C1168NS	IC	1	
ID60101	VVVSI2835H	IC	1	
ID60904	VVVSI3287	IC	1	
L60001	VLQ0319K100	COIL 10UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L60501-40	VLP0155	COIL	40	
L60801	VLQ0319K100	COIL 10UH	1	
P61001	VJS4168B008	CONNECTOR (FEMALE)	1	
P61003	VJS3813A022	CONNECTOR (FEMALE)	1	
P61104	VJP4064Q160	CONNECTOR (MALE)	1	
P61203,04	VJS3791B020	CONNECTOR (FEMALE)	2	
QR60001	UN5213	TRANSISTOR-RESISTOR	1	
QR60201-03	UN5213	TRANSISTOR-RESISTOR	3	
QR60401-21	UN5214	TRANSISTOR-RESISTOR	21	
R60001	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R60002	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60003	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60004	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60005	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60007,08	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R60011	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R60012	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60016	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R60017	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60019,20	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R60021,22	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60023	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R60024	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R60025,26	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R60027	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60028,29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60031,32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60033	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60035	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60037,38	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60039	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R60040	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60041-46	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R60050-52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R60054	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60055-62	EXB24V473J	COMBI.R-R 47K	8	
R60063	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R60064-74	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	11	
R60101	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60102-04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R60105	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60201	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60202	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60204	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60205	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R60206	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60207,08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R60209	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R60210	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60211,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R60214	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R60215	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60216	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60219	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R60220-24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	5	
R60225	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60226-34	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	9	
R60235-39	EXB24V473J	COMBI.R-R 47K	5	
R60240	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60241,42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R60243,44	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R60245-49	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	5	
R60250-54	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R60255	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R60256	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60257	EXB24V473J	COMBI.R-R 47K	1	
R60258,59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R60260,61	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R60262-66	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	5	
R60267,68	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R60301	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R60303-05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R60306-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R60309,10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R60311	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60325-38	EXB24V473J	COMBI.R-R 47K	14	
R60401-05	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R60406-13	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	8	
R60414-17	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R60418	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60419	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R60420	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R60421,22	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	2	
R60501-04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R60505	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60506-14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	9	
R60515-18	EXB24V473J	COMBI.R-R 47K	4	
R60701-17	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	17	
R60718-21	EXB24V473J	COMBI.R-R 47K	4	
R60722-29	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	8	
R60730-33	EXB24V473J	COMBI.R-R 47K	4	
R60734-45	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	12	
R60747-50	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R60751-53	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R60809-16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R60817,18	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R60819	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R60820	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60822	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60824-26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R60830	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60833	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60834,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60836-39	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R60841,42	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R60843-47	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R60848	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60850,51	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R60852,53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60854,55	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R60856-58	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R60859,60	EXB24V473J	COMBI.R-R 47K	2	
R60861	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60862,63	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R60865,66	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R60902	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R60903,04	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R60905	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60907	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61029-32	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R61101,02	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R61103-06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
SW60802	VSS0367-04B	SWITCH	1	
TG60801	EYF6CU	TEST POINT	1	
TG60809	EYF6CU	TEST POINT	1	
TG61106	EYF6CU	TEST POINT	1	
TP60001-10	EYF6CU	TEST POINT	10	
TP60802,03	EYF6CU	TEST POINT	2	
TP60810	EYF6CU	TEST POINT	1	
TP61101,02	EYF6CU	TEST POINT	2	
VR61101,02	VRV0161B203	V.RESISTOR 20K	2	
VR61103	VRV0161B503	V.RESISTOR 50K	1	
X60001	VSX0833	CRYSTAL OSCILLATOR	1	
X60802	VSX1034	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	XYN2+J6	SCREW	2	
	VKC0572	P.C.BOARD CATCHER (L)	1	
	VKC0573	P.C.BOARD CATCHER (R)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	XYN3+K8	SCREW	2	
	XNG3ES	NUT	2	
■ E10	VEP80A88A	POWER CONNECT P.C.BOARD	1	(RTL)
P1,P2	VJS4033	CONNECTOR (FEMALE)	2	
■ E11	VEP81203A	POWER 1 P.C.BOARD	1	(RTL)
■	VEP81189A	SUB POWER 1 P.C.BOARD	1	(RTL)FOR VEP81203A
⚠ C1002,03	VCK0260M102A	C.CAPACITOR 1000P	2	
⚠ C1004	ECQU2A224MV	P.CAPACITOR 100V 0.22U	1	
⚠ C1005	VCK0262M222A	C.CAPACITOR 2200P	1	
C1006	EEUFC1H101	E.CAPACITOR 50V 100P	1	
C1007	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	
C1010	VCK0106K221	C.CAPACITOR 220P	1	
C1013	ECEC2WB151DB	E.CAPACITOR 450V 150U	1	
C1014	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C1015	ECQE2W105KC	P.CAPACITOR 450V 1U	1	
⚠ C1016	ECQU2A154MV	P.CAPACITOR 100V 0.15U	1	
C1017	ECQF6222JZ	P.CAPACITOR 630V 2200P	1	
C1102	ECKD2H103PU	C.CAPACITOR 500V 0.01U	1	
C1103	EEUFC1J470	E.CAPACITOR 6.3V 47P	1	
C1106	ECKD2H221KB	C.CAPACITOR 500V 220P	1	
C1107	EEUFC1J470	E.CAPACITOR 6.3V 47P	1	
C1108	EEUFC1E182	E.CAPACITOR 25V 1800P	1	
C1110	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	
C1111-13	EEUFC1E182	E.CAPACITOR 25V 1800P	3	
C1114,15	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	2	
C1118	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C1301	ECA1HXL100	E.CAPACITOR 50V 10U	1	FOR VEP81189A
C1302	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	FOR VEP81189A
C1303	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	FOR VEP81189A
C1304	ECOV1H684JL	P.CAPACITOR 50V 0.68U	1	FOR VEP81189A
C1305	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	FOR VEP81189A
C1306	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	FOR VEP81189A
C1308	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	FOR VEP81189A
C1309	ECA1HXL010	E.CAPACITOR 50V 1U	1	FOR VEP81189A
C1310	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	FOR VEP81189A
C1312	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	FOR VEP81189A
C1313	ECUX1H682KBN	C.CAPACITOR CH 50V 6800P	1	FOR VEP81189A
C1314	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	FOR VEP81189A
C1315	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	FOR VEP81189A
C1316	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	FOR VEP81189A
C1317	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	FOR VEP81189A
C1321,22	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	FOR VEP81189A
C1323	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	FOR VEP81189A
C1324	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	FOR VEP81189A
D1001	SFPL-52	DIODE	1	
D1002	RBV606	DIODE	1	
D1003,04	SFPL-52	DIODE	2	
D1005	FML-G26S	DIODE	1	
D1006-09	MA3100-M	DIODE	4	
D1101	MA3270-M	DIODE	1	
D1103	SFPL-52	DIODE	1	
D1104	AP01C	DIODE	1	
D1105	SFPL-52	DIODE	1	
D1106	D20LC20U	DIODE	1	
D1107	U1GU44	DIODE	1	
D1108	SFPL-52	DIODE	1	
D1109	MA3200-M	DIODE	1	
D1110,11	MA152K	DIODE	2	
D1112	MA3068-M	DIODE	1	
D1301,02	MA3200-M	DIODE	2	FOR VEP81189A

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1303	MA3120-M	DIODE	1	FOR VEP81189A
D1304	MA152K	DIODE	1	FOR VEP81189A
D1305	MA152WA	DIODE	1	FOR VEP81189A
D1306	MA3270-M	DIODE	1	FOR VEP81189A
D1307	MA3051-M	DIODE	1	FOR VEP81189A
D1308	MA3068-M	DIODE	1	FOR VEP81189A
D1311	MA3068-M	DIODE	1	FOR VEP81189A
D1314	MA152K	DIODE	1	FOR VEP81189A
⚠ F1001	VSF0246	FUSE	1	
IC1101	AN1431M	IC	1	
IC1301	M51951BL	IC	1	FOR VEP81189A
IC1302	MC33262P	IC	1	FOR VEP81189A
IC1303	FA5311BP	IC	1	FOR VEP81189A
J1002	VWJ0121	CABLE	1	
J1004	VWJ0121	CABLE	1	
J1101,02	VWJ0121	CABLE	2	
L1002	VLQ0861	COIL	1	
⚠ L1003,04	ELF20N015A	COIL	2	
L1007	VLP0083	COIL	1	
L1101,02	VLP0083	COIL	2	
L1106-08	VLP0336	FERRITE CORE	3	
⚠ P1001	VJP2073	CONNECTOR (MALE)	1	
P1002,03	VJP3878	CONNECTOR (MALE)	2	
P1004,05	VJP3042G003W	CONNECTOR (MALE)	2	
P1006	VJP3042G017W	CONNECTOR (MALE)	1	
P1007	VJP1149	CONNECTOR (MALE)	1	
P1101	VJP4033	CONNECTOR (MALE)	1	
P1301,02	VJS3042B003W	CONNECTOR (FEMALE)	2	FOR VEP81189A
P1303	VJS3042B017W	CONNECTOR (FEMALE) 17P	1	FOR VEP81189A
⚠ PC1101,02	PS2561L1V1WL	TRANSISTOR	2	
Q1001	AC08FGM	DIODE	1	
Q1002	2SK1941-01R	TRANSISTOR	1	
⚠ Q1101	2SK2258-01	TRANSISTOR	1	
Q1102	2SD601A-R	TRANSISTOR	1	
Q1103	2SB709A-R	TRANSISTOR	1	
Q1301	XN1501	TRANSISTOR-RESISTOR	1	FOR VEP81189A
Q1303	2SJ278	TRANSISTOR	1	FOR VEP81189A
QR1301	UN2111	TRANSISTOR-RESISTOR	1	FOR VEP81189A
QR1302	UN2213	TRANSISTOR-RESISTOR	1	FOR VEP81189A
QR1304	UN2213	TRANSISTOR-RESISTOR	1	FOR VEP81189A
QR1305	UN2113	TRANSISTOR-RESISTOR	1	FOR VEP81189A
QR1306	UN2112	TRANSISTOR-RESISTOR	1	FOR VEP81189A
QR1307	UN2213	TRANSISTOR-RESISTOR	1	FOR VEP81189A
⚠ R1001	ERC12AGM334	S.RESISTOR 1/2W 330K	1	
R1002-05	ERJ12YJ473	M.RESISTOR CH 1/2W 47K	4	
R1006	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
⚠ R1007	ERU5TEJ100	F.RESISTOR 5W 10	1	
R1009	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1010,11	ERJ12YJ101	M.RESISTOR CH 1/2W 100	2	
R1012	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1013	ERX2SJR22	M.RESISTOR 2W 0.22	1	
R1014	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1017	ERG2SJ220	M.RESISTOR 2W 22	1	
R1018	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1019	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	1	
R1020	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R1021	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1023	ERJ12YJ101	M.RESISTOR CH 1/2W 100	1	
R1024	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1025	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1026	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R1101	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1102	ERX2SJR33	M.RESISTOR 2W 0.33	1	
R1104	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	1	
R1105	ERJ12YJ680H	M.RESISTOR CH 1/2W 68	1	
R1108	ERG2SJ104	M.RESISTOR 2W 100K	1	
R1109	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	1	
R1110	ERJ6GEYG154	M.RESISTOR CH 1/10W 150K	1	
R1111	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R1112	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	1	
R1114	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1115,16	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R1117	ERJ6RBD622	M.RESISTOR CH 1/10W 6.2K	1	
R1118	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R1119,20	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R1121	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	1	
R1122	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
R1123	ERJ6GEYG682	M.RESISTOR CH 1/10W 6.8K	1	
R1124	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1125	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R1127	ERG2SJ104	M.RESISTOR 2W 100K	1	
R1301,02	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	2	FOR VEP81189A
R1303	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	FOR VEP81189A
R1304	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	FOR VEP81189A
R1305-07	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	3	FOR VEP81189A
R1308	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	FOR VEP81189A
R1309	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	FOR VEP81189A
R1310	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	FOR VEP81189A
R1311	ERJ6GEYF822	M.RESISTOR CH 1/10W 8.2K	1	FOR VEP81189A
R1312,13	ERJ14YJ474	M.RESISTOR CH 1/4W 470K	2	FOR VEP81189A
R1315	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	FOR VEP81189A
R1316	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	FOR VEP81189A
R1317	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	FOR VEP81189A
R1319	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81189A
R1320,21	ERJ12YJ104	M.RESISTOR CH 1/2W 100K	2	FOR VEP81189A
R1323	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	FOR VEP81189A
R1325	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	FOR VEP81189A
R1326-28	ER050CHD1503	M.RESISTOR 150K	3	FOR VEP81189A
R1330	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	FOR VEP81189A
R1331-33	ERJ12YJ224	M.RESISTOR CH 1/2W 220K	3	FOR VEP81189A
R1334	ERJ6GEYG912	M.RESISTOR CH 1/10W 9.1K	1	FOR VEP81189A
R1335	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	FOR VEP81189A
R1336	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	FOR VEP81189A
R1338	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	FOR VEP81189A
R1344-46	ERJ12YJ224	M.RESISTOR CH 1/2W 220K	3	FOR VEP81189A
R1349,50	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	FOR VEP81189A
R1351	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	FOR VEP81189A
R1353	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	FOR VEP81189A
⚠ T1101	VLT0927	TORANSFORMER	1	
TH1101	VRT0142	THERMISTOR	1	
TP1101	VJR0646	TEST POINT	1	
		MISCELLANEOUS		
⚠	VMZ2187	BARRIER	1	
⚠	VMZ1608	CAPACITOR COVER	1	
	VMP5282	TRANSISTOR CLIP	1	
	VSC4861	HEAT SINK (C)	1	
	VSC4860	HEAT SINK (B)	1	
⚠	VMZ0965	CAPACITOR COVER	2	
	VSC3434	SHIELD CASE	1	
	XYN3+F8	SCREW	4	
	XTV3+8G	SCREW	1	
	VMP5283	GND TERMINAL	2	
	XYN3+F6	SCREW	2	
	VMZ2908	HEAT CONDUCTOR (A)	2	
	VMZ2969	HEAT CONDUCTOR (D)	1	
	XYN3+K8	SCREW	4	
	VSC4972	POWER CASE (B)	1	
■ E12	VEP81187D	POWER 2 P.C.BOARD	1	(RTL)
C1504	ECEV0JV470Q	E.CAPACITOR CH6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1506	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	
C1508,09	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C1510	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1511	ECEV0JV101Q	E.CAPACITOR CH6.3V 100U	1	
C1512	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1513	VCEA1DAP680	E.CAPACITOR 20V 68U	1	
C1601	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1602,03	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C1604	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1605	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	
C1606	ECEV1HV3R3Q	E.CAPACITOR CH 50V 3.3U	1	
C1607	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	
C1608	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C1609	ECUX1H223KBN	C.CAPACITOR CH 50V 0.22U	1	
C1610	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1611	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C1613	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1614	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1616,17	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C1622-24	VCEA1DAP680	E.CAPACITOR 20V 68U	3	
C1625-27	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C1628	VCEA1DAP680	E.CAPACITOR 20V 68U	1	
C1630	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1631	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1632	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1633	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1637	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1639	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1640,41	VCEA1DAP680	E.CAPACITOR 20V 68U	2	
C1701	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1702	ECEV1HV3R30	E.CAPACITOR CH 50V 3.3U	1	
C1703,04	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C1705	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1706	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	
C1708	ECEV1HV3R30	E.CAPACITOR CH 50V 3.3U	1	
C1709	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	
C1710	ECUX1H223KBN	C.CAPACITOR CH 50V 0.22U	1	
C1711	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1712	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1714	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1715	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1716	ECUX1H223KBN	C.CAPACITOR CH 50V 0.22U	1	
C1717,18	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C1719,20	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C1726	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C1727-30	VCEA1DAP680	E.CAPACITOR 20V 68U	4	
C1731-34	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C1736	VCEA1DAP680	E.CAPACITOR 20V 68U	1	
C1737	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1738	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1739	VCEA1AAP221	E.CAPACITOR 10V 220U	1	
C1740	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1741	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C1744,45	VCEA1AAP101	E.CAPACITOR 10V 100U	2	
C1746	VCEA1DAP680	E.CAPACITOR 20V 68U	1	
C1747	VCEA1DAP101	E.CAPACITOR 20V 100U	1	
C1748	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1749	VCEA1DAP680	E.CAPACITOR 20V 68U	1	
C1750,51	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C1752	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
D1503	MA142WK	DIODE	1	
D1506	MA142K	DIODE	1	
D1508	MA8027-H	DIODE	1	
D1509	MA142K	DIODE	1	
D1510	SFPB-54	DIODE	1	
D1511	MA142K	DIODE	1	
D1512	MA8100-M	DIODE	1	
D1513	MA142WA	DIODE	1	
D1514	MA142WK	DIODE	1	
D1515	MA8068-M	DIODE	1	
D1601	MA152K	DIODE	1	
D1602-04	MA142K	DIODE	3	
D1605	DE5SC4M-4061	DIODE	1	
D1606	DF10SC4M4062	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1607	DE5SC4M-4061	DIODE	1	
D1608	MA8068-M	DIODE	1	
D1609	MA142K	DIODE	1	
D1610	MA142WK	DIODE	1	
D1611	MA8068-M	DIODE	1	
D1612	MA8120-M	DIODE	1	
D1613,14	MA142WA	DIODE	2	
D1701	MA152K	DIODE	1	
D1702-06	MA142K	DIODE	5	
D1707	DE5SC4M-4061	DIODE	1	
D1708	SFPB-54	DIODE	1	
D1710,11	DE5SC4M-4061	DIODE	2	
D1712	MA142WK	DIODE	1	
D1713	MA8068-M	DIODE	1	
D1714	MA8180-M	DIODE	1	
D1715	MA142WA	DIODE	1	
D1716	MA8100-M	DIODE	1	
D1717	MA8180-M	DIODE	1	
D1718	MA142WA	DIODE	1	
IC1501	NJM2903M	IC	1	
IC1601,02	TL1451CNS	IC	2	
IC1701,02	TL1451CNS	IC	2	
IC1703	AN79N09	IC	1	
L1601	VLQ0504100M	COIL 10UH	1	
L1602-04	VLP0353	COIL	3	
L1605	VLQ0859M151	COIL 150UH	1	
L1607,08	VLQ0864	COIL	2	
L1609,10	VLQ0504220M	COIL 22UH	2	
L1611	VLQ0655K220	COIL 22UH	1	
L1612	VLQ0441K220	COIL 22UH	1	
L1613	VLP0364	CHIP INDUCTOR	1	
L1615	VLP0364	CHIP INDUCTOR	1	
L1701	VLQ0504100M	COIL 10UH	1	
L1702-05	VLP0353	COIL	4	
L1706	VLQ0784151	COIL 150UH	1	
L1707	VLQ0864	COIL	1	
L1708	VLQ0859M220	COIL 22UH	1	
L1709,10	VLQ0504220M	COIL 22UH	2	
L1711	VLQ0441K220	COIL 22UH	1	
L1712	VLQ0655K220	COIL 22UH	1	
L1713,14	VLP0364	CHIP INDUCTOR	2	
P1501	VJP4033	CONNECTOR (MALE)	1	
P1503	VJP4232B030	CONNECTOR (MALE)	1	
P1505	VJP1230T	CONNECTOR (MALE) 3P	1	
Q1601	XN4501	TRANSISTOR-RESISTOR	1	
Q1602,03	2SD1819A-R	TRANSISTOR	2	
Q1605	2SD1819A-R	TRANSISTOR	1	
Q1607	2SD1819A-R	TRANSISTOR	1	
Q1608-10	XN4401	TRANSISTOR-RESISTOR	3	
Q1611,12	2SJ214S	TRANSISTOR	2	
Q1613	2SJ279S	TRANSISTOR	1	
Q1701,02	XN4501	TRANSISTOR-RESISTOR	2	
Q1703	2SD1819A-R	TRANSISTOR	1	
Q1705	2SD1819A-R	TRANSISTOR	1	
Q1707,08	2SD1819A-R	TRANSISTOR	2	
Q1709	2SD1820A-R	TRANSISTOR	1	
Q1710-13	XN4401	TRANSISTOR-RESISTOR	4	
Q1714,15	2SJ214S	TRANSISTOR	2	
Q1716	2SJ279S	TRANSISTOR	1	
Q1717,18	2SK1748-Z	TRANSISTOR	2	
QR1501	UN5213	TRANSISTOR-RESISTOR	1	
QR1502	UN5211	TRANSISTOR-RESISTOR	1	
QR1506	UN5113	TRANSISTOR-RESISTOR	1	
QR1507-09	UN5211	TRANSISTOR-RESISTOR	3	
QR1601	UN5112	TRANSISTOR-RESISTOR	1	
QR1602	UN5211	TRANSISTOR-RESISTOR	1	
QR1603,04	UN5112	TRANSISTOR-RESISTOR	2	
QR1605,06	UN5211	TRANSISTOR-RESISTOR	2	
QR1701,02	UN5112	TRANSISTOR-RESISTOR	2	
QR1703	UN5211	TRANSISTOR-RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR1704,05	UN5112	TRANSISTOR-RESISTOR	2	
QR1706-08	UN5211	TRANSISTOR-RESISTOR	3	
QR1709	UN5113	TRANSISTOR-RESISTOR	1	
R1506-08	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	3	
R1511	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	
R1512	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1513,14	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R1516	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R1520	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1522	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1523	ERJ6RBD513	M.RESISTOR CH 1/10W 51K	1	
R1525,26	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R1527	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R1528	ERDS2T0	C.RESISTOR 1/4W 0	1	
R1601-03	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	3	
R1604-09	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	6	
R1610	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1611	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	1	
R1612	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1613	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	1	
R1614,15	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	2	
R1616	ERJ6GEYG682	M.RESISTOR CH 1/10W 6.8K	1	
R1618	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1619	ERJ6GEYG184	M.RESISTOR CH 1/10W 180K	1	
R1620	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1621	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1622	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1623,24	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R1625	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1626-28	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	3	
R1631-33	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	3	
R1634-38	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	5	
R1639	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1640	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1641	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1642	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1643	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1644	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1648-50	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	3	
R1651	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1652	ERJ6GEYG682	M.RESISTOR CH 1/10W 6.8K	1	
R1653	ERJ6GEYF822	M.RESISTOR CH 1/10W 8.2K	1	
R1654	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R1656,57	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	2	
R1658	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1659	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R1660,61	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	2	
R1663	ERJ6GEYG824	M.RESISTOR CH 1/10W 820K	1	
R1664,65	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R1701-04	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
R1706-09	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	4	
R1710-13	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	4	
R1714	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1715	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	1	
R1716	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1717	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	1	
R1718	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1719	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	1	
R1720,21	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	2	
R1725	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R1726	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1727	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1728	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1729	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1730	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1731	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1732,33	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R1734	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1735	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1736	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1737-39	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	3	
R1740	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R1743-45	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	3	
R1746	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1747-52	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	6	
R1753	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1754	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1755	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1756	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1757	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1758,59	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R1763	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1765-67	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	3	
R1769,70	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R1771,72	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	
R1773	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	1	
R1774	ERJ6GEYG273	M.RESISTOR CH 1/10W 27K	1	
R1775	ERJ6RBD563	M.RESISTOR CH 1/10W 56K	1	
R1776	ERJ6RBD512	M.RESISTOR CH 1/10W 5.1K	1	
R1777	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R1778	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
R1779	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R1780	ERJ6RBD362	M.RESISTOR CH 1/10W 3.6K	1	
R1781	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1782-86	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	5	
R1787	ERDS2TJ270	C.RESISTOR 1/4W 27	1	
R1788	ER0S2CKG1100	M.RESISTOR 2W 110	1	
T1701	VLT0961	TRANSFORMER	1	
TG1604	EYF6CU	TEST POINT	1	
⚠ TH1505	VRT0152400	THERMITOR	1	
TP1501,02	EYF6CU	TEST POINT	2	
TP1601-03	EYF6CU	TEST POINT	3	
TP1605	EYF6CU	TEST POINT	1	
TP1701-04	EYF6CU	TEST POINT	4	
VR1601	VRV0112B502	V.RESISTOR 5K	1	
VR1602-04	VRV0112B202	V.RESISTOR 2K	3	
VR1703,04	VRV0112B202	V.RESISTOR 2K	2	
		MISCELLANEOUS		
	VMP5283	GND TERMINAL	4	
■ E13	VEP81188A	POWER 3 P.C.BOARD	1	(RTL)
C1803	ECEA0JGE471	E.CAPACITOR 6.3V 470U	1	
C1804	ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C1805	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1806	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C1807	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1808	ECA1CHG682	E.CAPACITOR 16V 6800U	1	
C1809	ECA1CHG332	C.CAPACITOR 16V 3300P	1	
C1812	ECA1VFQ561	E.CAPACITOR 35V 560U	1	
C1818	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C1819	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1820	ECA1AHG10	C.CAPACITOR 10V 1P	1	
C1822	ECA1AHG332	C.CAPACITOR 10V 3300P	1	
C1825	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1826	ECST1AC336Z	T.CAPACITOR CH 10V 33U	1	
C1827-29	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C1830,31	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C1832	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1833	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C1834	ECA1EHG472	C.CAPACITOR 25V 4700P	1	
C1836	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1837	ECA1CHG332	C.CAPACITOR 16V 3300P	1	
C1901	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1902	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1903	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C1904	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1905	ECUM1H391JCN	C.CAPACITOR CH 50V 390P	1	
C1906	ECUX1H223KBN	C.CAPACITOR CH 50V 0.22U	1	
C1907	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C1908	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1910	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C1911,12	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C1915,16	VCEA1DAP680	E.CAPACITOR 20V 68U	2	
C1917,18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C1919	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1920	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1921	VCEA1AAP101	E.CAPACITOR 10V 100U	1	
C1924,25	VCEA1AAP101	E.CAPACITOR 10V 100U	2	
D1801	MA3051-H.	DIODE	1	
D1802	21DQ04	DIODE	1	
D1803,04	MA115	DIODE	2	
D1805	MA4270M	DIODE	1	
D1806	MA3062M	DIODE	1	
D1807	MA3030-H	DIODE	1	
D1808	DE5SC4M-4061	DIODE	1	
D1809,10	SFPB-54	DIODE	2	
D1811	MA152WA	DIODE	1	
D1901	MA152K	DIODE	1	
D1902,03	MA142K	DIODE	2	
D1904,05	DE5SC4M-4061	DIODE	2	
IC1801	NJM2904M	IC	1	
IC1802	TC4W53FU	IC	1	
IC1803	NJM072BV	IC	1	
IC1804	AN7806F	IC	1	
IC1805	XC62EP3302M	IC	1	
IC1806	AN79L06	IC	1	
IC1807	NJM2904M	IC	1	
IC1901	TL1451CNS	IC	1	
L1801	VLQ0655K220	COIL 22UH	1	
L1901,02	VLP0353	COIL	2	
L1903	VLQ0504100M	COIL 10UH	1	
L1904,05	VLQ0787	COIL	2	
L1906,07	VLQ0504220M	COIL 22UH	2	
L1908,09	VLP0364	CHIP INDUCTOR	2	
P1801	VJP3926A012	CONNECTOR (MALE)	1	
P1802	VJP3926A018	CONNECTOR (MALE)	1	
P1803	VJP1232T	CONNECTOR (MALE) 5P	1	
Q1801	2SD601A-R	TRANSISTOR	1	
Q1802	2SB936A-Q	TRANSISTOR	1	
Q1803	2SD601A-R	TRANSISTOR	1	
Q1804	2SC3074Y	TRANSISTOR	1	
Q1805	2SB936A-Q	TRANSISTOR	1	
Q1806	2SD601A-R	TRANSISTOR	1	
Q1807,08	2SD1819A-R	TRANSISTOR	2	
Q1809	2SB1114	TRANSISTOR	1	
Q1810-12	2SD1819A-R	TRANSISTOR	3	
Q1901	XN4501	TRANSISTOR-RESISTOR	1	
Q1902	2SD1819A-R	TRANSISTOR	1	
Q1904	2SD1819A-R	TRANSISTOR	1	
Q1906,07	XN4401	TRANSISTOR-RESISTOR	2	
Q1908,09	2SJ214S	TRANSISTOR	2	
QR1802	UN2214	TRANSISTOR-RESISTOR	1	
QR1901	UN5112	TRANSISTOR-RESISTOR	1	
QR1902	UN5211	TRANSISTOR-RESISTOR	1	
QR1903	UN5112	TRANSISTOR-RESISTOR	1	
QR1904	UN5211	TRANSISTOR-RESISTOR	1	
R1801	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
R1802,03	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R1804	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R1805	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1806,07	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R1808-10	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	3	
R1811	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1812	ERJ6GEYG680	M.RESISTOR CH 1/10W 68	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1813	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1814	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R1816	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R1817-19	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	3	
R1820	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1821	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R1822	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1823	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1824	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1825	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1826	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1827	ERJ6GEYG821	M.RESISTOR CH 1/10W 820	1	
R1828	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R1829-32	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	4	
R1834-36	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	3	
R1901,02	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R1903-06	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	4	
R1907	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1908	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	1	
R1909	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1910	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	1	
R1911	ERJ6GEYG682	M.RESISTOR CH 1/10W 6.8K	1	
R1913	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1914	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1915,16	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R1917,18	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R1919,20	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R1923,24	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R1925-28	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	4	
R1929	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1930	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1931	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R1932	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R1935,36	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	
R1937	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R1938	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	1	
R1939,40	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	2	
R1941,42	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
T1801	VLT0889	TRANSFORMER	1	
TG1901	VJR0098	TEST POINT	1	
TP1901-03	VJR0098	TEST POINT	3	
VR1901	EVMF6SA00B53	V.RESISTOR 5K	1	
VR1902,03	EVMF6SA00B23	V.RESISTOR 2K	2	
		MISCELLANEOUS		
	VMP5861	P.C.B HOLDER ANGLE (L)	1	
	VMP5862	P.C.B HOLDER ANGLE (R)	1	
	XTV3+6F	SCREW	2	
	VGF0788	DUST PROOF BARRIER (C)	1	
	VKC0554	SPACER	2	
■ E14	VEP86278A	REMOTE P.C.BOARD	1	(RTL)
P66001,02	VJS3537A024G	CONNECTOR (FEMALE)	2	
P66003	VJP1599T	CONNECTOR (MALE)	1	
P66004	VJP1600T	CONNECTOR (MALE)	1	
P66005	VJP1230T	CONNECTOR (MALE) 3P	1	
■ E15	VEP84321C	REAR JACK P.C.BOARD	1	(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4225,26	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	2	
C6001,02	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
J4101	VJS3901	CONNECTOR (FEMALE)	1	
J4104	VJS3901	CONNECTOR (FEMALE)	1	
J4119	VJJ0636	PIN JACK	1	
J6001	VJP3414A009	CONNECTOR (MALE)	1	
L6001-06	VLP0145	COIL	6	
P4003	VJS3421A022	CONNECTOR (FEMALE)	1	
P4104	VJP1230T	CONNECTOR (MALE) 3P	1	
P6002	VJS3421A028	CONNECTOR (FEMALE)	1	
R4110	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4113	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4114,15	VLQ0319K4R7	COIL 4.7UH	2	
R6001	ERJ14YJ101	M.RESISTOR CH 1/4W 100	1	
R6003	ERJ14YJ101	M.RESISTOR CH 1/4W 100	1	
		MISCELLANEOUS		
	VMP5868	D SUB HOLDER ANGLE	1	
	VXQ0102	SCREW	2	
■ E16	VEP84322C	AUDIO JACK P.C.BOARD	1	(RTL)
C4009,10	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C4013,14	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
J4003,04	VJP3417	CONNECTOR (MALE)	2	
L4011	VLP0145	COIL	1	
L4013	VLP0145	COIL	1	
L4015,16	VLP0145	COIL	2	
L4018	VLP0145	COIL	1	
L4020	VLP0145	COIL	1	
P4001	VJS3421A020	CONNECTOR (FEMALE)	1	
P4103	VJP1230T	CONNECTOR (MALE) 3P	1	
■ E18	VEP86283A	REC VR P.C.BOARD	1	(RTL)
P65301	VJP1611T	CONNECTOR (MALE)	1	
VR65301,02	EVU023006B14	V.RESISTOR 10K	2	
		MISCELLANEOUS		
	VEE0E70	CABLE	1	
■ E19	VEP86276B	PB VR P.C.BOARD	1	(RTL)
C65001,02	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	2	
C65003,04	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C65005	ECEA1AKS221	E.CAPACITOR 10V 220U	1	
C65006	ECEA1CKS330	E.CAPACITOR 16V 33U	1	
C65007	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C65010,11	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D65001	MA701A	DIODE	1	
D65002-04	MA153	DIODE	3	
D65005-08	MA152K	DIODE	4	
D65103	LN38GCPP	LED	1	
D65107	LN38GCPP	LED	1	
D65108	MA152K	DIODE	1	
D65109	LN38GCPP	LED	1	
D65110-14	MA152K	DIODE	5	
D65115	LN38GCPP	LED	1	
DP65001	VSL0489	DISPLAY	1	
IC65001	MN1382	IC	1	
IC65002	UPD75236J040	IC	1	
J65001	VJJ0571	JACK	1	
L65001,02	VLQ0319K101	COIL 100UH	2	
P65001	VJS3537B024G	CONNECTOR (FEMALE)	1	
P65103	VJS4243B018	CONNECTOR (FEMALE)	1	
Q65001-03	2SB710A-R	TRANSISTOR	3	
Q65103-11	2SD601A-R	TRANSISTOR	9	
QR65001-03	MUN2213	TRANSISTOR-RESISTOR	3	
R65009	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R65010-13	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	4	
R65014,15	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R65016	ERJ6GEYG471	M.RESISTOR CH 1/10W 470	1	
R65017	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R65018-26	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	9	
R65027,28	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R65029	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
R65030-37	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	8	
R65042,43	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R65044	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65045	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65046	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65047	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65048	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65049	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65050	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65051	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65052	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65053	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65054	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65055	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65056	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65057	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R65058	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R65059,60	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R65061	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R65062	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R65063-65	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	3	
R65066-72	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	7	
R65073	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R65074-77	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	4	
R65078	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R65079	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65080	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R65081	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65082	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R65083	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R65084-86	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	3	
R65087	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R65105	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R65106	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R65107	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R65108-15	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	8	
R65117	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R65120,21	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
SW65104	VSS0250	SWITCH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
SW65105	EVQQS307K	SWITCH	1	
SW65106	VSS0249	SWITCH	1	
SW65107,08	EVQQS307K	SWITCH	2	
SW65109	VSS0249	SWITCH	1	
VR65003	EVJYM0F15C23	V.RESISTOR 2K	1	
X65001	VSX0140	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VJF1360	DISPLAY HOLDER	1	
	VGQ0458	SPACER	5	
	VZT0045	CUSHION	1	
■ E20	VEP86281B	FRONT P.C.BOARD	1	(RTL)
D65106	MA152K	DIODE	1	
D65201-07	MA152K	DIODE	7	
P65201	VJS2582B018	CONNECTOR (FEMALE)	1	
R65201-06	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	6	
R65207	ERJ14YJ181	M.RESISTOR CH 1/4W 180	1	
SW65103	VST0331	SWITCH	1	
SW65201	VSP0853A000	SWITCH	1	
SW65202	VSP0792	SWITCH	1	
SW65203	VSP0788	SWITCH	1	
SW65204	VSP0791	SWITCH	1	
SW65205	VSP0790	SWITCH	1	
SW65206	VSP0793	SWITCH	1	
SW65207	VSP0795	SWITCH	1	
■ E22	VEP80856A	CARRIGE P.C.BOARD	1	(RTL)
P1	VJP1249T	CONNECTOR (MALE) 9P	1	
P2	VJS2889A012	CONNECTOR (FEMALE)	1	
P3	VJS2889A016	CONNECTOR (FEMALE)	1	
R1-R7	ERDS2TJ221	C.RESISTOR 1/4W 220	7	
■ E23	VEP82218B	SERVO P.C.BOARD	1	(RTL)
■	VEP80A89D	SV UCOM 1 P.C.BOARD	1	FOR VEP82218B
■	VEP80A89E	SV UCOM 2 P.C.BOARD	1	FOR VEP82218B
C1	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	FOR VEP80A89D
C2	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	FOR VEP80A89D
C3	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	FOR VEP80A89D
C3	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	FOR VEP80A89E
C2001	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2003	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2101	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C2103	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2107,08	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2109,10	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	2	
C2111,12	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2113	ECEV1HVR33Q	E.CAPACITOR CH 50V 0.33U	1	
C2114	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2115	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2116	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2117	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2119	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2201	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C2202	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2203	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2204	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2205	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2206	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2207	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2208	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C2209	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2210	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2211	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C2212	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2213,14	ECUX1H562KBV	C.CAPACITOR CH 50V 5600P	2	
C2215,16	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	2	
C2217	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2218,19	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	2	
C2220	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2221	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C2222,23	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2224	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2225	ECUX1H562KBV	C.CAPACITOR CH 50V 5600P	1	
C2226,27	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2228,29	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	2	
C2230	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2231	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2232	ECUX1H562KBV	C.CAPACITOR CH 50V 5600P	1	
C2233	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2301	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2302,03	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	2	
C2304	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2305,06	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	2	
C2307	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C2308	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C2309	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2310	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C2311	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C2312	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C2313	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2314	VCK0152	C.CAPACITOR	1	
C2315-22	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	8	
C2323	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C2324	ECUX1H123KBV	C.CAPACITOR CH 50V 0.012U	1	
C2325	ECUX1C224ZFV	C.CAPACITOR CH 16V 0.22U	1	
C2326,27	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2329	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2402	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2406	ECUX1H562KBV	C.CAPACITOR CH 50V 5600P	1	
C2408,09	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2411	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2413	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2414-16	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	3	
C2417,18	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	2	
C2419	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C2420,21	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	2	
C2422	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C2423,24	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	2	
C2425	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C2426	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	1	
C2427	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C2432	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2434	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2437	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C2438	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2444	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2445	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C2450	ECUX1H562KBV	C.CAPACITOR CH 50V 5600P	1	
C2451	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2455-57	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C2458-60	ECEV1HV2R2Q	E.CAPACITOR CH 50V 2.2U	3	
C2461	ECUM1C474KBM	C.CAPACITOR CH 16V 0.47U	1	
C2462	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2463,64	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2465-67	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	3	
C2468-70	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	3	
C2471-76	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C2477,78	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C2479	VCK0152	C.CAPACITOR	1	
C2480	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2501-06	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C2507	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C2508-12	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	5	
C2513,14	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	2	
C2515-19	VCE0180	E.CAPACITOR	5	
C2520-25	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	6	
C2526-31	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C2532-37	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	6	
C2539,40	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	2	
C2541	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2542	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2543	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2601	VCE0180	E.CAPACITOR	1	
C2603	VCE0180	E.CAPACITOR	1	
C2606	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2607	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2608	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2609	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2610	VCC0037F432	C.CAPACITOR 432P	1	
C2611	VCE0180	E.CAPACITOR	1	
C2613	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2614	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2615	VCE0180	E.CAPACITOR	1	
C2617	VCE0180	E.CAPACITOR	1	
C2619	VCK0152	C.CAPACITOR	1	
C2620	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2621	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C2622	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2623	ECEA1CGE330	E.CAPACITOR 16V 33U	1	
C2707	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2708	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2709	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	1	
C2710	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C2711	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C2712,13	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2714	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C2715	ECUX1E273KBV	C.CAPACITOR CH 25V 0.027U	1	
C2716	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C2717	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2719	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2721-24	ECEV1AV330Q	E.CAPACITOR CH 10V 33U	4	
C2725,26	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2727	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C2728,29	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C2801-04	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C2903	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2904	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C2905	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2906	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C2907	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2908	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2909	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C2910	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C2911	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C2912	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2913	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C2914	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C2915	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2918	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C2919	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2921	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2923-25	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2926	ECEV1HV3R3Q	E.CAPACITOR CH 50V 3.3U	1	
C2927	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2928	VCK0152	C.CAPACITOR	1	
C2932	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C2934	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2935	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C2937	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2942	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2947-49	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C2951	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C2952-55	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C64001	ECA1EEN101	C.CAPACITOR 25V 100P	1	
C64201,02	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	2	
C64203	ECEV0JV330Q	E.CAPACITOR CH6.3V 33U	1	
C64204,05	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	2	
C64206	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C64207	ECEV1EV4R7Q	E.CAPACITOR CH 25V 4.7U	1	
C64208	ECUX1C105KBM	C.CAPACITOR CH 16V 1U	1	
C64209	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
D2001,02	MA704	DIODE	2	
D2101	MA142WK	DIODE	1	
D2301,02	MA143	DIODE	2	
D2401-06	MA738	DIODE	6	
D2450-55	MA738	DIODE	6	
D2501,02	MA736	DIODE	2	
D2503,04	MA728	DIODE	2	
D2601	MA728	DIODE	1	
D2602	MA736	DIODE	1	
D2603	MA728	DIODE	1	
D2604	MA736	DIODE	1	
D2701-03	MA143	DIODE	3	
D2901-04	MA143	DIODE	4	
D2906,07	MA736	DIODE	2	
D64003-08	MA738	DIODE	6	
D64009,10	NSQ03A04	DIODE	2	
D64011,12	MA738	DIODE	2	
D64013,14	NSQ03A04	DIODE	2	
D64015-22	MA738	DIODE	8	
D64023-26	MA142WA	DIODE	4	
D64201	MA3100-L	DIODE	1	
D64203	MA3068-M	DIODE	1	
D64204	MA3056-M	DIODE	1	
D64205	MA3051-M	DIODE	1	
D64209	MA3056-H	DIODE	1	
D64210	MA3100-L	DIODE	1	
D64214	MA3075-M	DIODE	1	
D64215	MA738	DIODE	1	
D64216	MA142WK	DIODE	1	
FL2001	VLF0941C223	FILTER	1	
IC1	M3774E5LGP	IC	1	FOR VEP80A89D
IC1	M3774E5LGP	IC	1	FOR VEP80A89E
IC2102	TC7SHU04FU	IC	1	
IC2103	S80730ANDT	IC	1	
IC2104	TC4W53FU	IC	1	
IC2106	TC7SHU04FU	IC	1	
IC2202	SC371025AVFU	IC	1	
IC2203	TA75W01FU	IC	1	
IC2204	TVHC74FT	IC	1	
IC2205	TVHC157FT	IC	1	
IC2206	TA75W01FU	IC	1	
IC2207	SC371025AVFU	IC	1	
IC2208	TC7S86F	IC	1	
IC2210,11	TC7SHU04FU	IC	2	
IC2301	TA75W558FU	IC	1	
IC2302	TA75W393FU	IC	1	
IC2303	TA75W558FU	IC	1	
IC2304	TA75W393FU	IC	1	
IC2305	TA75W558FU	IC	1	
IC2307	MC14538BF	IC	1	
IC2308,09	TA75W558FU	IC	2	
IC2401,02	AN3834S	IC	2	
IC2404	TA75W558FU	IC	1	
IC2405	TA75W01FU	IC	1	
IC2406	TA75W393FU	IC	1	
IC2407	XC62DN5002P	IC	1	
IC2502	TA75W393FU	IC	1	
IC2503	TB6519F	IC	1	
IC2506	TB6519F	IC	1	
IC2601	TL1451CNS	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC2602	XC62AP5002P	IC	1	
IC2701	UPC4556G2	IC	1	
IC2702	TC4W53FU	IC	1	
IC2703	NJM4565MD	IC	1	
IC2704	TC7W04F	IC	1	
IC2705	TC7W74FU	IC	1	
IC2801	T160G11-1258	IC	1	
IC2901	TA75W558FU	IC	1	
IC2902	TA75W393FU	IC	1	
IC2904	TA75W558FU	IC	1	
IC2905	TA75W393FU	IC	1	
IC2906,07	UPC4558G2	IC	2	
IC2908	TA75W01FU	IC	1	
IC2909	TC7W125FU	IC	1	
IC64201,02	M54649L	IC	2	
L2001	VLQ0319K101	COIL 100UH	1	
L2003	VLQ0319K100	COIL 10UH	1	
L2101	VLQ0319K100	COIL 10UH	1	
L2102	VLQ0319K101	COIL 100UH	1	
L2201-03	VLQ0319K100	COIL 10UH	3	
L2502	VLQ0407120M	COIL 12UH	1	
L2503	VLQ0319K100	COIL 10UH	1	
L2504	VLQ0407151K	COIL 150UH	1	
L2505	VLQ0129	COIL 300UH	1	
L2601	VLQ0407120M	COIL 12UH	1	
L2603,04	VLQ0407151K	COIL 150UH	2	
L2701,02	VLQ0319K101	COIL 100UH	2	
L2801	VLQ0319K101	COIL 100UH	1	
L2901	VLQ0319K101	COIL 100UH	1	
L64201,02	VLQ0319K101	COIL 100UH	2	
P1	VJP4181C100H	CONNECTOR (MALE)	1	FOR VEP80A89D
P1	VJP4181C100H	CONNECTOR (MALE)	1	FOR VEP80A89E
P2001,02	VJP3949C070H	CONNECTOR (MALE)	2	
P2003	VJP1232T	CONNECTOR (MALE) 5P	1	
P2011	VJP3172D002	CONNECTOR (MALE)	1	
P2012	VJP3172D005	CONNECTOR (MALE)	1	
P2013	VJP3172D002	CONNECTOR (MALE)	1	
P2014	VJP3172D003	CONNECTOR (MALE)	1	
P2015	VJP3518B002	CONNECTOR (MALE)	1	
P2016	VJP3518B003	CONNECTOR (MALE)	1	
P2017	VJS3801B010	CONNECTOR (FEMALE)	1	
P2018	VJP3518B002	CONNECTOR (MALE)	1	
P2019	VJP3172D002	CONNECTOR (MALE)	1	
P2020	VJP3518B003	CONNECTOR (MALE)	1	
P2021	VJP3518B002	CONNECTOR (MALE)	1	
P2022	VJP3172D004	CONNECTOR (MALE)	1	
P2024	VJP3518B002	CONNECTOR (MALE)	1	
P2025	VJP1230T	CONNECTOR (MALE) 3P	1	
P2026	VJP1236T	CONNECTOR (MALE) 9P	1	
P2030	VJP3172D003	CONNECTOR (MALE)	1	
P2032	VJP3172D004	CONNECTOR (MALE)	1	
P2033	VJS3406B015	CONNECTOR (FEMALE)	1	
P2034,35	VJS3813C017	CONNECTOR (FEMALE)	2	
P2036	VJS3406B019	CONNECTOR (FEMALE)	1	
P2037	VJP3125B002	CONNECTOR (MALE)	1	
P2038	VJP3172D002	CONNECTOR (MALE)	1	
P2101	VJS4181C100H	CONNECTOR (FEMALE)	1	
P2201	VJS4181C100H	CONNECTOR (FEMALE)	1	
Q2501,02	2SB1073-R	TRANSISTOR	2	
Q2503-06	2SD1820A-R	TRANSISTOR	4	
Q2507-09	2SD1119-R	TRANSISTOR	3	
Q2510-12	2SB1073-R	TRANSISTOR	3	
Q2513-15	2SD1119-R	TRANSISTOR	3	
Q2516-18	2SB1073-R	TRANSISTOR	3	
Q2601,02	2SB1073-R	TRANSISTOR	2	
Q2701	2SD1820A-R	TRANSISTOR	1	
Q2702	2SB1219A-R	TRANSISTOR	1	
Q2703	2SD1820A-R	TRANSISTOR	1	
Q2704,05	2SB1219A-R	TRANSISTOR	2	
Q2706,07	2SD1820A-R	TRANSISTOR	2	
Q2708	2SB1219A-R	TRANSISTOR	1	
Q2901	2SB1219A-R	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q64003	2SB1073-R	TRANSISTOR	1	
Q64004	2SD1819A-R	TRANSISTOR	1	
Q64005	2SB1219A-R	TRANSISTOR	1	
Q64006	2SD1819A-R	TRANSISTOR	1	
Q64007	2SB1073-R	TRANSISTOR	1	
Q64008	2SD1624-S	TRANSISTOR	1	
Q64009	2SD1819A-R	TRANSISTOR	1	
Q64010,11	2SB1219A-R	TRANSISTOR	2	
Q64012	2SD1819A-R	TRANSISTOR	1	
Q64013	2SB1073-R	TRANSISTOR	1	
Q64014,15	2SD1624-S	TRANSISTOR	2	
Q64016	2SB1219A-R	TRANSISTOR	1	
Q64017	2SB1073-R	TRANSISTOR	1	
Q64018	2SD1624-S	TRANSISTOR	1	
Q64019,20	2SD1819A-R	TRANSISTOR	2	
Q64021	2SB1219A-R	TRANSISTOR	1	
Q64022	2SB1073-R	TRANSISTOR	1	
Q64023	2SB1219A-R	TRANSISTOR	1	
Q64024	2SD1819A-R	TRANSISTOR	1	
Q64025	2SB1073-R	TRANSISTOR	1	
Q64026	2SB1219A-R	TRANSISTOR	1	
Q64027	2SD1624-S	TRANSISTOR	1	
Q64028	2SB1073-R	TRANSISTOR	1	
Q64029	2SD1624-S	TRANSISTOR	1	
Q64030	2SD1819A-R	TRANSISTOR	1	
Q64031	2SD1624-S	TRANSISTOR	1	
Q64032	2SB1073-R	TRANSISTOR	1	
Q64033	2SB1219A-R	TRANSISTOR	1	
Q64034	2SD1624-S	TRANSISTOR	1	
Q64035	2SD1819A-R	TRANSISTOR	1	
Q64201	2SD1624-S	TRANSISTOR	1	
Q64202	2SB1073-R	TRANSISTOR	1	
Q64203	2SD1819A-R	TRANSISTOR	1	
QR2201	UN5213	TRANSISTOR-RESISTOR	1	
QR2401,02	UN5213	TRANSISTOR-RESISTOR	2	
QR2450,51	UN5213	TRANSISTOR-RESISTOR	2	
QR2501,02	UN5213	TRANSISTOR-RESISTOR	2	
QR2703,04	UN5213	TRANSISTOR-RESISTOR	2	
QR64001	UN5114	TRANSISTOR-RESISTOR	1	
QR64002	UN5214	TRANSISTOR-RESISTOR	1	
QR64003	UN5114	TRANSISTOR-RESISTOR	1	
QR64004-06	UN5214	TRANSISTOR-RESISTOR	3	
QR64007	UN5114	TRANSISTOR-RESISTOR	1	
QR64008	UN5214	TRANSISTOR-RESISTOR	1	
QR64009	UN5114	TRANSISTOR-RESISTOR	1	
QR64010,11	UN5214	TRANSISTOR-RESISTOR	2	
QR64012,13	UN5114	TRANSISTOR-RESISTOR	2	
QR64014	UN5214	TRANSISTOR-RESISTOR	1	
QR64015,16	UN5114	TRANSISTOR-RESISTOR	2	
QR64201-03	UN5213	TRANSISTOR-RESISTOR	3	
QR64204,05	UN5211	TRANSISTOR-RESISTOR	2	
QR64212	UN5114	TRANSISTOR-RESISTOR	1	
QR64213,14	UN5214	TRANSISTOR-RESISTOR	2	
R2001	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2106	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R2107	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2108	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R2109	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R2110	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R2111	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2112,13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R2114,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R2116-20	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R2121-24	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R2125	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2126	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2127	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2128,29	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2130,31	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R2132-36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R2137	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R2138	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2201,02	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2203,04	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R2205	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2206	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R2207,08	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R2209-12	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	4	
R2213,14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2215	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2216	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R2217	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2218	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2219	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R2220	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2221,22	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R2223	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2224,25	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R2226	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R2227	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2229	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2230	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R2231-38	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	8	
R2240	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2242	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2243	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2245	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2246	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2247	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2248	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2249,50	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2301	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2302	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R2303	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2304	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2305	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R2306	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2307	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2308	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2309	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2310	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2311	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2312	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2313	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2314	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2315	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2316	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R2317,18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2319	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	
R2320-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R2323	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R2324	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2325	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2326	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2327	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2328	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R2329	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2330	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R2331	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2332	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2333,34	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R2335	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2336-38	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R2402	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2404	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2405	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2409	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R2411	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R2412	ERJ12YJ2R2	M.RESISTOR CH 1/2W 2.2	1	
R2415	ERJ12YJ2R2	M.RESISTOR CH 1/2W 2.2	1	
R2421	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2423	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R2428,29	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R2432	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2436	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R2443	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R2450,51	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R2452	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2453	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R2454	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R2455,56	ERJ12YJ2R2	M.RESISTOR CH 1/2W 2.2	2	
R2457-59	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R2460	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R2461	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2462	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R2463	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R2465	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2467	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2468-71	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	4	
R2472,73	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R2474	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2476	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2477,78	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R2479-84	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	6	
R2485,86	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2501,02	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R2503,04	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R2505,06	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R2507,08	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2509,10	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	2	
R2511	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2512	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2513,14	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2515-20	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	6	
R2522	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R2523,24	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R2525	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R2526	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2527	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2528	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2529	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2530	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2531	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2532	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2533	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2534,35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2536	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R2537,38	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2539	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2540	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R2541	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2542	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R2543	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2544	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2545	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2546,47	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R2548	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2601,02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2603	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2604,05	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2606	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2607	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	1	
R2608	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2609	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R2610	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2612	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R2614	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R2615	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2618	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2619	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2622	ERJ8GEYJ681	M.RESISTOR CH 1/8W 680	1	
R2623	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2624	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2625	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2627,28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2629,30	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R2701,02	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R2703	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2704	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2705	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2706	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2711	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2712	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2713	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2714	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2715	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2719	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R2720	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R2722	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2723	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2724	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2725	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R2726	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2727	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R2728	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2730,31	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R2732,33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2734,35	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2736	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2801	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2802	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2803,04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R2806	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2808	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2901,02	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R2903	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2904	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2905	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2906	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2907	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2908	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2909	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2911	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2912	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2914	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2915	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R2916	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2917	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2919	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2920	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2921	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2922,23	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2924	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2925,26	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2928	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2929	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R2930	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R2931	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2932	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R2933	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2934	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2935	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R2937	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2942	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R2944	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R2949	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2950	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R2951	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R2952	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2959,60	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R2961	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2963	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R64008	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64009	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64010	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64011	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64012,13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R64014,15	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R64016,17	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64019	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64020	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64021	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64022	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64023	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64024	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64025,26	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R64027	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R64028	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64029,30	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64031	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64032-34	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	3	
R64035	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64036	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64037-39	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	3	
R64040	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64041	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64042	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64043,44	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R64045,46	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64047,48	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R64049	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64050	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64051	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64052	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64053	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64054,55	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R64056	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64057,58	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64059,60	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R64061	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64062,63	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64064	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64065	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64066	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64067	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64068	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64069	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64070	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64071	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64072	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64073	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64074	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64075	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64076	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64077,78	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64079	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64080	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R64081	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64082,83	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	2	
R64084	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R64085	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64086	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R64087	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	1	
R64088,89	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R64090	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64091-93	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	3	
R64097-02	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	6	
R64103	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64104	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R64105,06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R64201	ERJ8GEYJ222	M.RESISTOR CH 1/8W 2.2K	1	
R64202	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R64203	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R64204	ERJ8GEYJ101	M.RESISTOR CH 1/8W 100	1	
R64205	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64206	ERJ8GEYJ101	M.RESISTOR CH 1/8W 100	1	
R64207	ERJ8GEYJ300	M.RESISTOR CH 1/8W 30	1	
R64208	ERJ8GEYJ222	M.RESISTOR CH 1/8W 2.2K	1	
R64209	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R64212-14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R64218,19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R64223,24	ERJ8GEYJ102	M.RESISTOR CH 1/8W 1K	2	
R64225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64226	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R64229	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R64230	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R64231	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
TG201	EYF6CU	TEST POINT	1	
TP201-06	EYF6CU	TEST POINT	6	
TP301-05	EYF6CU	TEST POINT	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
TP701-04	EYF6CU	TEST POINT	4	
TP2401	EYF6CU	TEST POINT	1	
TP2403, 04	EYF6CU	TEST POINT	2	
TP2451	EYF6CU	TEST POINT	1	
TP2453, 54	EYF6CU	TEST POINT	2	
TP2801	EYF6CU	TEST POINT	1	
TP2903	EYF6CU	TEST POINT	1	
TP2906	EYF6CU	TEST POINT	1	
VR2201	EVM7JGA00B15	V. RESISTOR 100K	1	
X2101	VSX0821	CRYSTAL OSCILLATOR	1	
X2201	VSX0919	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC4607	SHIELD CASE	1	
	VJF1310	CONNECTOR HOLDER	2	
	VMS6507	P. C. BOARD POST	4	
	XYN26+K6	SCREW	8	
	VEE2795	VIDEO EARTH	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks